

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

EXED. INDEX

WILL'S

THIRTY SIXTH ANNUAL CATALOG OF SEEDS, TREES AND PLANTS
1919



Village of corn growing Indian Tribe in North Dakota, and Indian Woman working her corn

RECEIVED
FEB 24 1919
HORTICULTURAL AND POMOLOGICAL
INVESTIGATION



NORTH
DAKOTA
PIONEER
AGRICULTURIST

VARIETIES OF EXTRA EARLY AND HARDY
CORN BRED UP BY
OSCAR H. WILL



OSCAR H. WILL & CO.
PIONEER SEED HOUSE

NURSERY AND GREENHOUSES BISMARCK, NORTH DAKOTA

TO OUR CUSTOMERS

We print at the head of this page a picture of Oscar H. Will, founder of our business, pioneer nurseryman, seedman and corn breeder. Mr. Will came to North Dakota thirty-eight years ago. During his first year he was employed part of the time with the Bismarck Greenhouses and part of the time in selecting and improving a homestead near Bismarck, driving a team of oxen back and forth between the town and the claim. The next year he purchased the greenhouses and added the nursery business to them. Two years later a seed department was added. The first price list, a small four-page folder, was issued in 1882. From the beginning Mr. Will devoted himself to the improvement of horticulture and agriculture in the Northwest, and his efforts built up one of the largest and best regarded businesses in that region.

After nearly forty years of hard work in the Northwest, Oscar H. Will died on August 26, 1917, as the result of a breakdown the previous winter. His death was directly due to the fact that he could not bear to give up the work which had been his chief pleasure for so long, and he persisted in it even against the advice of his physicians until too late.

In spite of the loss of Mr. Will, however, we still feel that our organization is the best equipped by experience in and knowledge of the Northwest, to serve that territory. George F. Will,

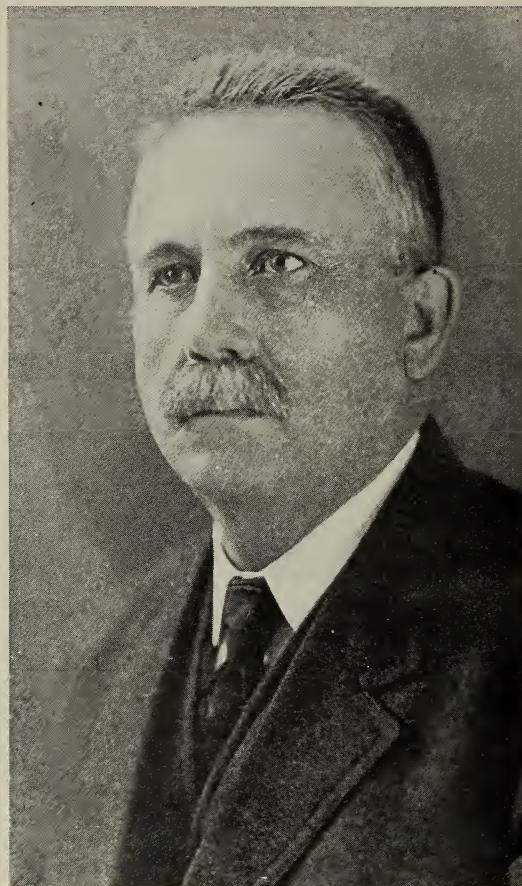
Mr. Will's only son and now at the head of the business, was born and grew up in North Dakota, is familiar with Northwestern conditions, and has had practical experience with North Dakota soil. In addition there are other employees who have been long with us and who will help in keeping up the best traditions of the founder.

We have nine stars in our service flag, most of which represent men whom we lost during the busiest spring months, and one of which represents our assistant manager, Mr. George F. Bird. Nevertheless, in spite of shortage of help, transportation troubles and other worries we came through the past season much more satisfactorily than we did the previous year, and at the same time handled fifty per cent more business. We wish to thank the many customers who aided us by early ordering and hope that they will help us in this way once again.

Many new difficulties arising from war conditions will affect our organization as well as our customers, but we assure you that we shall do our very utmost to give prompt and satisfactory service, and in that way to do our part in helping forward the feeding of our allies and our soldiers. Let us all remember that the soldiers have made the great sacrifice, and all the hardships and perplexities which may come to the rest of us are in comparison as nothing.

We urge once more that all orders be sent in as early as possible, and that customers order only the kinds and quantities of seed which they feel sure they can plant and care for and the product of which they can use. There is again a scarcity of many varieties. Let all carefully plan their gardens and practice conservation in the purchase of seed.

Do not hesitate to call upon us for advice or information on any garden or farm problem and we shall do our best to help you.



Sincerely,
OSCAR H. WILL & COMPANY.

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal Checks delay orders as we must wait to verify them. U. S. Stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70lbs, within 150 miles, 50lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We strongly advise against mailing of plants and nursery stock as there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty:

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.

Parcel Post Rates

Zones 1 and 2.—1 lb. is 5c. Add 1c per lb. to 5c for each additional pound weight of the package. Thus 7 lbs. will be 5c plus 6 additional pounds at 1c per pound or 11c.

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

Zone 3. One pound is 6c. For each additional pound add 2c.

Zone 4. One pound is 7c. For each additional pound add 4c.

Zone 5. One pound is 8c. For each additional pound add 6c.

Zone 6. One pound is 9c. For each additional pound add 8c.

Zone 7. One pound is 11c. For each additional pound add 10c.

Zone 8. One pound is 12c. For each additional pound add 12c.

If you do know which zone rate applies, consult your postmaster.

Special Collections

Money Saving Offers and Novelty Collections.

WILL'S WAR GARDEN COLLECTION

For a garden 25x40 feet or 1,000 square feet; figured in 25 ft. rows but may be arranged differently.

Quantity	Variety	Space	Distance between rows
1/4 lb.	Imp. Golden Wax Beans	2 rows	18 in.
1/2 lb.	Nott's Excelsior Peas	2 rows	18 in.
1 lb.	Everbearing Peas	2 rows	18 in.
4 pkts.	Radishes, assorted early and late	2 rows	1 ft.
2 pkts.	Lettuce, 1 head, 1 leaf	1 row	1 ft.
1 oz.	Will's Improved Beet	2 rows	1 ft.
1 oz.	Danvers Half Long Carrot	2 rows	1 ft.
1 oz.	Imp. Guernsey Parsnip	2 rows	1 ft.
2 pkts.	Sandwich Island Salsify	1 row	1 ft.
2 pkts.	Indian Sweet Corn	2 rows	2 ft.
2 pkts.	Imp. Early Dakota Sweet Corn	2 rows	2 ft.
1 pkt.	Purple Top Strap Leaf Turnip	1 row	1 ft.
1 oz.	Dakota Globe Onion	2 rows	1 ft.
4 pkts.	Each of Spinach, Winter Radish, Chinese Cabbage and Kohl Rabbi for replanting, etc.		
	Two rows left for cabbage and tomato plants.		

Price Postpaid \$1.50

Special Collection No. 1. Customers Selection—14 five cent packets for 50c postpaid.

Special Collection No. 2. Customers Selection—30 five cent packets for \$1.00 postpaid.

In numbers one and two seeds in packets at more than 5c per packet may be counted as two or more five cent packets.

In no case, however, is it permitted to include ounce or larger packages in these collections.

Special Collection No. 3. To School Children—15 5-cent packets of flower seed of our selection, postpaid, for twenty-five cents.

Special Collection No. 4. 50c postpaid.

1 pkt. Beans.	2 pkts. Corn.	1 pkt. Pepper.
1 pkt. Beets.	1 pkt. Cucumbers.	1 pkt. Peas.
1 pkt. Cabbage.	1 pkt. Lettuce.	2 pkts. Radishes.
1 pkt. Cauliflower.	1 pkt. Muskmelon.	1 pkt. Tomato.
1 pkt. Celery.	1 pkt. Watermelon.	1 pkt. Turnip.
1 pkt. Carrots.	2 pkts. Onions.	

Varieties of our selection, and no changes in make up permitted.

Northwestern Collection No. 5, 25c postpaid.

1 pkt. Express Cabbage.	1 pkt. Scarlet Turnip Radish.
1 pkt. Early June Sweet Corn.	1 pkt. Acme Tomato
1 pkt. White Spine Cucumber.	1 pkt. Hanson Lettuce.
1 pkt. Dakota Globe Onion.	1 pkt. Phinney's Early Watermelon.
1 pkt. Eclipse Beet.	1 pkt. Will's Improved Rutabaga.

DAKOTA COLLECTION No. 6

This collection of flower seeds it will be very difficult to equal. Each variety is the choicest and richest of its kind and cannot be duplicated for the price. 1pk. Branching Asters, 10c; 1 pkt. Purity Asters, 10c. 1 pkt. Dwarf Margaret Carnation which blooms the first season from seed, 5c; 1 pkt. Burbank's Crimson Eschscholtzia, 10c; 1 pkt. Cactus Dahlia, 10c; 1 pkt. Mixed Geranium, 10c; 1 pkt. Will's Superb Mixed Nasturtium, 5c; 1 pkt. Will's Royal Show Pansies, 15c; 1 pkt. Masterpiece Pansy, 15c; 1 pkt. Chinese Prim-rose, 10c; 1 oz. Imperial Mixed Sweet Peas, 10c. All for 75c, postpaid.



FORT BERTHOLD INDIAN AND HER CORN SCAFFOLD

PIONEER INDIAN COLLECTION NO. 7,
25c POSTPAID

1 pkt. Indian Sweet Corn.
1 pkt. Red Indian Beans.
1 pkt. Yellow Indian Beans.
1 pkt. Mandan Corn.
1 pkt. Mandan Squash.
1 pkt. Assiniboine Corn.

WILL'S SWEET CORN COLLECTION
NO. 8, 50c.

2 ozs. Assiniboine Corn.
2 ozs. Early June.
2 ozs. Indian Sweet Corn.
2 ozs. Improved Early Dakota.
2 ozs. Golden Bantam.
2 ozs. Banana Cream

Collection No. 8, will give you roasting ears from July 20th till freeze-up. A complete succession of varieties. Try it.

PREMIUMS

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

Class 1. An order for vegetable or flower seeds to the amount of ten dollars, or of seed grain and trees to the amount of fifteen dollars, entitles the customer to his choice of the following books:

Farm Topics. A valuable compilation of useful information on farming.

Weeds and How to Eradicate Them. By Thomas Shaw.

Country Kitchen. 900 tested recipes.

Farm Wind Breaks and Shelter Belts.

Class 2. An order for vegetable or flower seed to the amount of fifteen dollars, or for grain or trees to the amount of twenty dollars entitles the customer to the following premiums:

One 16-inch White Thermometer. Tested and good for fifty below. This is an article necessary on every farm.

The Garden Guide. An amateur gardener's handbook, just the information for war gardeners.

Class 3. An order for vegetable or flower seeds to the amount of twenty dollars, or for seed grain or trees to the amount of thirty dollars entitles the purchaser to any one of the following books:

Vegetable Gardening. An advanced book on gardening.

Beginnings in Animal Husbandry. By Prof. Charles S. Plumb, a full discussion of live stock raising and breeding.

Grasses and How to Grow Them. By Prof. Thomas Shaw.

Elements of Agriculture. By Prof. J. H. Shepard and J. C. McDowell, a general discussion of all farm problems.

Special Onion Seed Premium. The book "Onions" by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Vegetable Seeds

Owing to unsettled conditions, prices on pound lots and over are subject to change without notice.

Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted.

ASPARAGUS

One ounce will sow fifty feet of drill.

Culture—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches, fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed and place the roots on the same about 10 inches apart with the roots well spread out and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

Conover's Colossal. This is the largest and most extensively grown green variety. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; 1lb, 60c, postpaid.

Columbia Mammoth White. A distinct variety of strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 25c; 1lb, 80c, postpaid.

Plant Roots of Above Varieties, and save 2 years from seed. Both the varieties are recommended as especially hardy, and well adapted to the northwest. Doz. 35c, postpaid. Express or freight, dozen, 25c; 50, 75c; 100, \$1; 500, \$4.00; 1000, \$7.50.

BEANS

Culture—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which insures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little less than one pint.

DWARF OR BUSH VARIETIES



GREEN POD STRINGLESS WAX

Green Pod Stringless. Earliest of the green pod sorts. Our strain is peculiarly rich in flavor, meaty and productive. The pods are long, straight and very handsome. Pkt. 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 20c; 1lb, 30c; postpaid. 5 lbs. \$1.10, by express or freight.

Davis Kidney Wax. Desirable because of its long, handsome, light yellow pods, and its hardiness; the white color of its seed makes this variety equally valuable as a bean for winter use. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; 1lb, 35c, postpaid. 5 lbs, \$1.25, by express or freight.

Golden Eyed Wax. Practically rust proof. This variety is very hardy, early and prolific. The pods are a bright yellow, brittle and tender. The seed is white with a yellow eye. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; 1lb, 35c; 5 lbs, \$1.25, by express or freight.

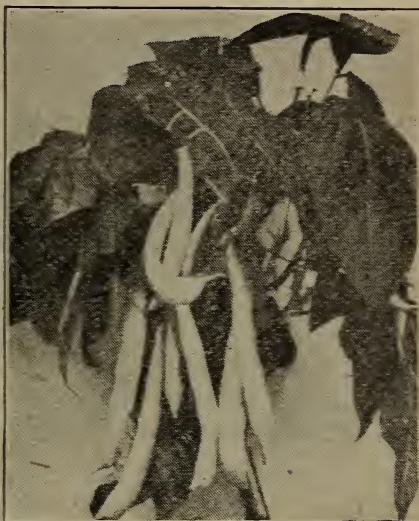
Last year I bought my seeds at a store and found that none of them came true. The year before my seeds came from you and my garden was fine. A. H. Matteson, Fryburg, N. D.

IMPROVED GOLDEN WAX BEANS

Improved Golden Wax Beans. We feel amply rewarded for the care and attention we have given our strain of Improved Golden Wax Beans. A rich, golden-wax in color, the pods are large, fleshy and entirely stringless. This variety is rust resistant and from one to two weeks earlier than the old Golden Wax strain. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 35c, postpaid. 5 lbs, \$1.25, by express or freight.

Black Wax. An old favorite sort, hardy, productive and of excellent flavor. Long golden yellow pods, stringless and brittle. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 20c; lb, 30c, postpaid. 5 lbs, \$1.10, by express or freight.

Sure Crop Stringless Wax. A heavy yielding and delicious wax bean, very bushy with long round, yellow pods. Has been increasingly popular every year since its introduction. Pkt, 5c; $\frac{1}{4}$ lb, 20c; $\frac{1}{2}$ lb, 35c; lb, 50c, postpaid. 5 lbs, \$2.00, by express or freight.



IMPROVED GOLDEN WAX

BUSH LIMAS

Burpee's Improved. The Burpee's Improved is fully eight days earlier than the popular Burpee's Bush Lima. It is the earliest of all larger seeded Limas. The plants are vigorous and productive. The pods are large and usually contain four beans which are unusually thick, of largest size, and most excellent quality. They are thin skinned and truly delicious. Pkt, 10c; $\frac{1}{4}$ lb, 20c; $\frac{1}{2}$ lb, 35c; lb, 55c, postpaid.

New Wonder. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. Pkt, 5c; $\frac{1}{4}$ lb, 10c; $\frac{1}{2}$ lb, 18c; lb, 30c, postpaid.

POLE OR RUNNING BEANS

Early Golden Cluster Wax. The grandest yellow-podded pole bean in cultivation. The vines are early and productive. The pods are from 6 to 7 inches long, fine grained, fleshy and stringless, in color a light waxy-yellow. The beans are white and oval-shaped. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 35c, postpaid.

King of the Garden Pole Lima. An improved strain of large White Lima. The pods frequently contain 5 and 6 beans of large size, excellent quality, and handsome appearance. Pkt, 5c; $\frac{1}{4}$ lb, 10c; $\frac{1}{2}$ lb, 18c; lb, 30c, postpaid.

FIELD BEANS

Within the past year or two the public has learned a great deal as regards field beans for cooking purposes. Formerly nothing but the common navy, toughest and most difficult to cook of any of our beans, was in demand. Now that people have discovered that the native American sorts, including the colored beans, are so much better flavored and tenderer, it is very easy to market these.

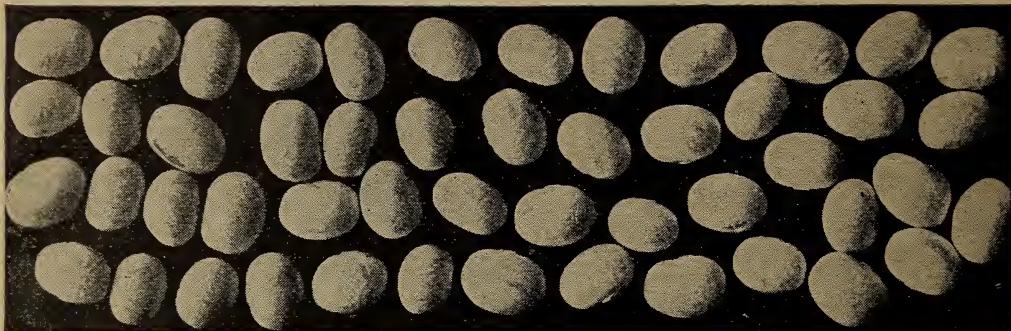
BURPEE'S IMP. BUSH LIMA BEAN

sorts. All of our beans except the early navy are of the native stock, this includes the Pilot Navy.

Hidatsa Red Bean. Formerly listed as Red Indian, now named after one of the Ft. Berthold tribes where it was obtained. Hardy, drought resistant and an excellent baking bean. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. By express or freight, 10 lbs. \$2.00; 100 lbs. \$16.00.

ALL OF OUR BEANS ARE HAND PICKED

Arikara Yellow Bean. Formerly called Yellow Indian. We have given it the name of one of the Ft. Berthold tribes of Indians as it is much grown by that tribe. An even better flavored bean than the Hidatsa, but not quite as heavy a yelder. Pkt. 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. By express or freight, 10 lbs. \$2.00. 100 lbs, \$16.00.



(Actual Size)

Pilot, the Bean Ahead—The Earliest Field Bean. This remarkable early field bean was introduced by us in 1913, a sport from the Golden Wax. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. We have annually increased our acreage, but as annually find ourselves sold out early in the spring. This year we have an unusually fine stock to offer, and recommend it highly. Pkt. 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. By express or freight, 1 lb, 40c; 10 lbs, \$2.50; 100 lbs, \$18.00.

Early Navy. This is a Northern grown strain of the common Commercial Navy. Our seed is Montana grown on dry land. Pkt. 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; 1 lb, 35c, postpaid. By express or freight, 10 lbs, \$2.00; 100 lbs, \$17.00.



(Actual size)

Great Northern. The first beans of this variety were obtained from the Fort Berthold Indians by Mr. Will over thirty years ago and had been raised by them for many years. They are pure white and kidney shaped, of high quality and peculiarly pleasing flavor. When first introduced, their size and shape were held in disfavor, but yield and flavor have forced their recognition. Many other seed houses catalog this same bean under other names which in itself indicates the merit of our selection. It is exceptionally early and of heavy yield, absolutely acclimated to our conditions in the Northwest. Pkt. 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. 1 lb, 35c; 10 lbs, \$2.00; 100 lbs, \$17.00, by express or freight.

Tepary Beans. Fully equal to the best navy beans for cooking. These beans have been grown by Indians in Arizona and New Mexico, where some sorts also grow wild, for thousands of years without irrigation and with only nine inches of rainfall. They ripen in from seventy-five to ninety days. Prof. Clothier of the University of Arizona says: "After three years of experimenting with Tepary beans, I am prepared to say it is one of the most wonderful plants ever presented to the dry farming public." Pkt. 5c; lb, 35c, postpaid. By express or freight, 1 lb, 25c; 10 lbs, \$2.25; 100 lbs, \$18.00.

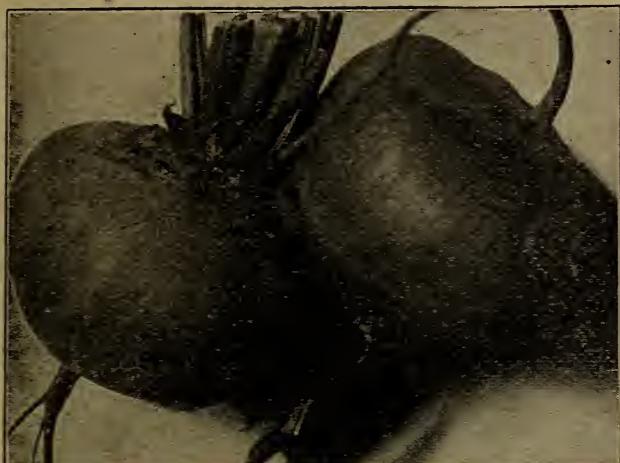
Just a line in regard to your Great Northern Beans, I had some experience last year which was very satisfactory. I planted eight pounds of seed which yielded me three bushels practically without any rain fall at all. C. L. Lake, Delphia, Mont.

Garden Beets, Mangels and Sugar Beets

Remember that these prices are for seed prepaid by mail except as otherwise noted.

One ounce of seed will sow fifty feet of drill; six pounds per acre.

Culture—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row.



WILL'S IMPROVED BEET

GARDEN BEETS

Will's Improved Blood Turnip Beet. Best for home market and canning. The earliest in cultivation; this beet is a rich dark red in color, smooth, fine-grained, and globular, with small tap-root and small, erect top. In addition to its excellent forcing qualities, it is an unexcelled winter sort. It cooks sweet and tender and is never woody or stringy. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 40c; $\frac{1}{2}$ lb, 75c; 1 lb, \$1.25, postpaid.

Long Blood Red. Best of the long garden beets; drouth resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; 1 lb, \$1.10, postpaid.

Eclipse. The Eclipse is an extra early, glossy-red beet of exceptionally fine flavor. Its tops are particularly tender and rich when cooked as greens. Pkt, 5c; oz 10c; $\frac{1}{4}$ lb, 40c; $\frac{1}{2}$ lb, 75c; 1 lb, \$1.25, postpaid.

Edmund's Early Blood Turnip. This deep blood-red variety is early, sweet and tender, yet unsurpassed for solidity and keeping purposes. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 40c; $\frac{1}{2}$ lb, 75c; 1 lb, \$1.25, postpaid.

SWISS CHARD

Lucullus. Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as boiling greens and are most excellent for this purpose. The large white stalks are used like asparagus; they are boiled and served in melted butter and are fully as delicious and even more tender than asparagus. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c.

SUGAR BEETS

Champion. Used in sugar beet factories; also valuable for the home production of syrup for use as a sugar substitute; valuable as a stock food. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 40c; $\frac{1}{2}$ lb, 70c; 1 lb, \$1.30, postpaid.

MANGELS OR STOCK BEETS

Mammoth Long Red Mangel Wurtzel. This is the heaviest cropping and largest of all mangels. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed, and solid. This variety is particularly adapted to a deep soil. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. By express or freight, 5 lbs, \$5.00.

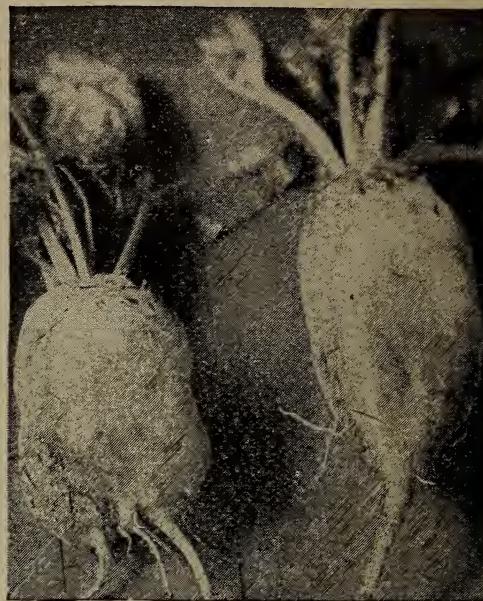
Mammoth Golden Giant Mangel Wurtzel. The roots are very large, even in shape, and grow half out of the ground so that they are easily harvested. The skin is a rich golden yellow; the flesh is white, firm and sweet. The Golden Giant is an excellent keeper, and gives remarkable crops. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. By express or freight, 5 lbs, \$5.00.

Golden Tankard Mangel Wurtzel. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt. 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. By express or freight, 5 lbs, \$5.00.

We are satisfied with your seeds. Last year there was not much rain and we had the nicest vegetables of anyone around here. The other people had to buy everything because they did not use your seed. Phillip Hase, Anamoose, N. D.

Giant Red Eckendorf Mangel Wurtzel. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.20, postpaid. By express or freight, 5 lbs, \$4.75.

Taaroje, Barres Mangel. We first introduced this variety from Denmark some five years ago after thorough trials, and its immense yields have made it a favorite wherever grown. The roots are most valuable for their high dry matter content, which pound for pound nearly equals the best sugar beets. They grow largely out of ground and are easily lifted when mature. We believe this variety will outyield in weight all others, which with its quality makes it a very valuable sort for feeding. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. By express or freight, 5 lbs, \$5.25.



TAAROJE BARRES—RED ECKENDORF

BORECOLE OR KALE—Green Curled or Scotch. This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb, 60c, postpaid.

BROCOLLI—Purple Cape. Forms heads much like cauliflower, but is hardier and gives excellent results in cool localities. Pkt. 5c; oz. 20c, postpaid.

BRUSSELS SPROUTS—Paris Market. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth bearing handsome, solid, round sprouts of best quality, crowded together on the stalks. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb, 60c; lb, \$2.00, postpaid.

CHERVIL—Curled. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 25, postpaid.

CHICORY—Large Rooted or Coffee. The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb, 30c, postpaid.

WITLOOF. Witloof is used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. The seed should be sown in the open ground not later than June in drills twelve to eighteen inches apart, and the seedlings should be thinned out to stand closer than three inches. The plants form long, parsnip-shaped roots which are lifted in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. It requires about one month to force the roots. The heads are then cut off with a small portion of the neck of the root attached. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb, \$1.00.

CORN SALAD—Large Round Leaved. This is a small, quick growing salad plant for late fall or early spring. It may also be cooked for greens. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 35c, postpaid.

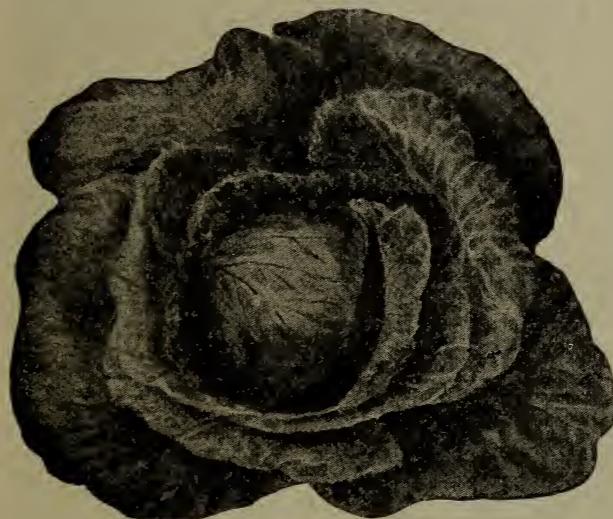
CRESS—Fine Curled or Pepper Grass. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb, 30c, postpaid.

Received the seed today. Everything was O. K. only they charged duty, the first time I ever paid duty on seed received from you. Still I save money by buying from you for your seed always grew and I have good success. Mrs. S. Insko, Hitchcock, Canada.

Cabbage

For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from $2\frac{1}{2}$ to $3\frac{1}{2}$ feet for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill and leaving the strongest plant. One ounce of seed will produce about 4,000 plants; one packet about 100 plants.

The crop of cabbage seed has been very short and values and prices are beyond all bounds. We are selling just as cheaply as possible, and advise customers to buy only the very least that will do them.



HENDERSON'S EARLY SUMMER

Henderson's Early Summer. With heads averaging over double the size of those of the Jersey Wakefield, this variety is only a few days later. The heads are large, solid and flat, of excellent quality, tender and sweet. It is well adapted for kraut. Pkt, 5c; oz, 80c; $\frac{1}{4}$ lb, \$3; $\frac{1}{2}$ lb, \$6.00; 1 lb, \$10.00.

Selected Jersey Wakefield. This is an old and justly popular sort. The heads are conical and very solid, with few outer leaves. The stem is short and the plants very hardy. Pkt, 5c; oz, 80c; $\frac{1}{4}$ lb, \$3.00; $\frac{1}{2}$ lb, \$6.00; 1 lb, \$10.00.

Will's Early June. This is the earliest flat-headed cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. Pkt. 5c; oz, \$1.00; $\frac{1}{4}$ lb, \$4.00; $\frac{1}{2}$ lb, \$7.00; 1 lb, \$12.00.

Copenhagen Market. The finest large round head early cabbage in cultivation, is the result of the Danish system of strain registration. The plant is short stemmed and compact. The leaves are a medium light green, thick and smooth, and the heads average about ten pounds in weight. Pkt, 10c; oz, \$1.25; $\frac{1}{4}$ lb, \$5.00; $\frac{1}{2}$ lb, \$8.00; 1 lb, \$15.

Early Express. A very early variety forming small oval heads with round, thick leaves. It ranks close to early June in earliness. Pkt, 5c; oz, \$1.00; $\frac{1}{4}$ lb, \$4.00; $\frac{1}{2}$ lb, \$7.00; 1 lb, \$12.00, postpaid.

Early Winningstadt. An old favorite; its hardiness permits early planting. The leaves are dark green and very tightly folded, and the hardest of any early cabbage. The heads are pointed, and suffer less from the cabbage worm than most other sorts. It is a good keeper and well liked for kraut. Pkt, 5c; oz, 80c; $\frac{1}{4}$ lb, \$3.00; $\frac{1}{2}$ lb, \$6.00; 1 lb, \$10.00, postpaid.

Your seeds are just O. K. for South Dakota. This is our sixth year and still satisfied.
—Mrs. Mae Ferry, Ada, S. D.

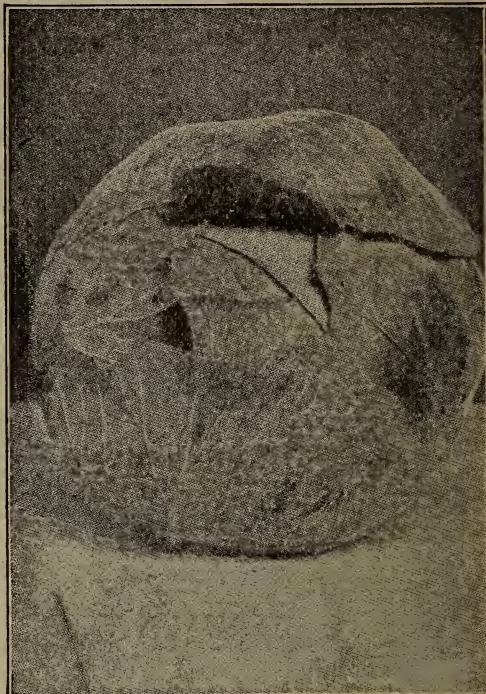
Your seeds are the best I ever planted.—Clifton Crowley, Marias, Mont.

Late Cabbage

Will's Selected Premium Flat Dutch. One of the standard late varieties, low growing and a sure header. It forms very large, flattened heads, bluish green in color, compact and of handsome appearance. The quality is fine, the flavor excellent, and the inside leaves, when cut, are especially tender. This is a strong grower under adverse conditions. Pkt. 5c; oz. 75c; $\frac{1}{4}$ lb, \$3.00; $\frac{1}{2}$ lb, \$6.00; 1 lb, \$12.00.

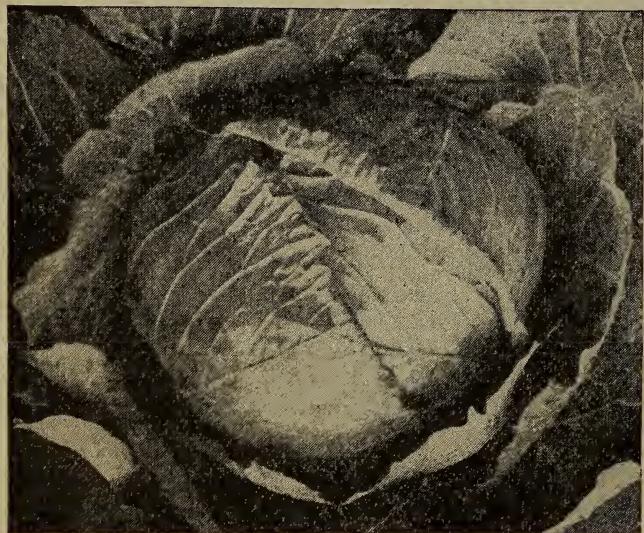
Red Drumhead. The largest and best red cabbage. The head is round, solid and deep red in color. This variety is used almost entirely for pickling. Pkt. 5c; oz, \$1.00; $\frac{1}{4}$ lb, \$4.00.

Danish Ballhead Cabbage. This distinct variety is extremely hardy and weighs more for its size than any other sort we have ever grown. The pale blue-green heads will average from eight to ten inches in diameter, are crisp, tender and sweet, and unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. It is one of the best of winter cabbages. Pkt. 5c; oz. \$1.00; $\frac{1}{4}$ lb, \$4.00; $\frac{1}{2}$ lb, \$7.00; 1 lb, \$12.00.



WILL'S SELECTED FLAT DUTCH

Surehead. A great late cabbage. This strain is a selection from the Flat Dutch variety and is unequalled in fine quality and reliability in forming solid heads. These are large, hard, firm, and fine in texture, and under ordinary conditions run from 10 to 15 pounds in weight. The variety is remarkable for its certainty of head even under the most unfavorable conditions and we recommend it highly. Pkt, 5c; oz, 75c; $\frac{1}{4}$ lb, \$3.00; $\frac{1}{2}$ lb, \$6.00; 1 lb, \$10.00.



SUREHEAD

Chinese Cabbage. (Pe-Tsai) A wonderful salad plant, resembling Cos Lettuce. It should be planted early in the spring and again about the first of July as it goes to seed rapidly in hot weather. The inner leaves blanch a creamy white and its mild and pleasant flavor makes it distinctive when served as a salad or cooked like asparagus. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 90c.

I have used your seed for eight years and they are always fertile, and not only that but everything is of the very earliest variety and will mature quicker than any seed we have ever been able to get.—Mrs. Mary Carmichael, Edwards, Mont.

I have tried several firms on seeds and find your seed gives the best satisfaction in this locality.—J. M. Mulligan, Roundup, Mont.

For preventatives against the cabbage worm pest, buy Slug Shot or Bug Death, see page 44.

Carrots

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

Culture—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

Danvers Half Long. The best known medium early variety, a great yielder and a first-class carrot for all soils. The root is smooth, from 6 to 8 inches long, a rich deep orange in color, with close textured flesh and little core. Although these roots are comparatively short, under good cultivation they yield as heavily as the larger sorts and are more easily harvested. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. 5 lbs, by express or freight, \$5.00.



DANVERS HALF LONG

Chantenay Carrot. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.10, postpaid. 5 lbs, by express or freight, \$4.75.

Giant White. The heaviest cropper of all carrots. It is grown entirely for stock feeding. It is easily lifted from the ground, and the white flesh is crisp, solid, and very sweet in flavor. Pkt, 5c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid. 5 lbs, by express or freight, \$4.75.

Oxheart or Guerande. We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.25, postpaid. 5 lbs, by express or freight, \$5.00.



OXHEART CARROT

Carrots (Continued)

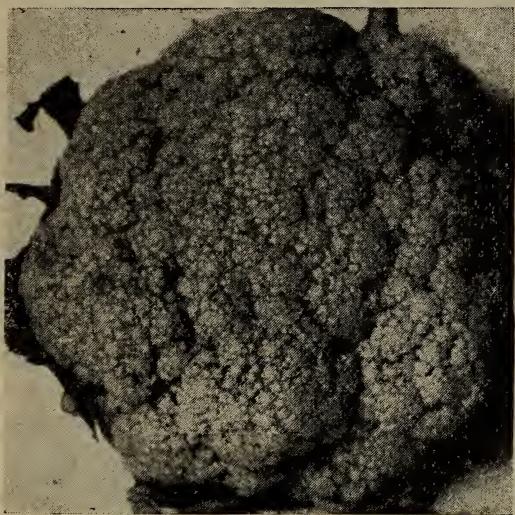
Improved Long Orange. One of the most desirable sorts for either garden or field culture. The roots run about 12 inches long and three inches in diameter at the crown, tapering to a point. Of fine quality for table use; it is a heavy yielder, a good keeper, and the best late carrot. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid. 5 lbs, by express or freight, \$4.50.

Early Horn. This very early stump-rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, \$1.00; lb, \$1.75, postpaid.

French Forcing. The earliest variety, used largely for forcing. The roots are almost round and about $2\frac{1}{2}$ inches in diameter. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25.

Cauliflower

Culture—Same as cabbage. Sometimes in the South the seed is sown in September and the young plants wintered over to save time in the spring. Pin or tie the leaves together. This will preserve the snowy whiteness. An ounce of seed will produce about 3,500 plants if carefully managed. The common idea is that cauliflower is very difficult to grow. This is not the case and we advise all lovers of cauliflower to plant at least enough for their own use. A packet produces about 50 plants.



EARLY ERFURT

Dry Weather Cauliflower. A drought resistant sort of exceptional merit. In dry sections and in the warmer districts it is most desirable. It is large heading and the large leaves give a splendid protection. Our stock is of fine plump seeds, grown by the originator in Denmark. Pkt, 10c; $\frac{1}{2}$ oz, \$2.00; oz, \$3.50.

Early Paris. A standard forcing variety; the large, solid heads are of very fine quality and unusually early. Pkt, 10c; $\frac{1}{2}$ oz, \$1.25; oz, \$2.25.



EARLY PARIS

Have used your seeds for years, and find them best suited to our dry farming country—
Mrs. G. C. Beatty, Portage, Mont.

We have bought seeds of you for seventeen years and our mother and sister for many years before.—Mrs. Gus. Anderson, Belfield, N. D.

The seeds I heretofore bought of you gave exceedingly good satisfaction. They came up well and are early; that is the main thing with us.—Isaac S. Schultz, Thermopolis, Wyoming.

For Cauliflower Plants, see page 66.

Celery

Culture—Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June and July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand.



NEW ROSE CELERY

bine with its unusual keeping qualities in making this sort a great favorite with gardeners. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 60c; $\frac{1}{2}$ lb, 90c; lb, \$1.75, postpaid.

Golden Heart Dwarf. A main crop favorite. A rich waxy golden color when blanched; the stalks are tender, crisp and rich in flavor. It is a grand keeper. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 70c; $\frac{1}{2}$ lb, \$1.25; lb, \$2.00, postpaid.

Celeriac or Turnip Rooted Celery. Splendid for soups, stews and salads. Pkt, 5c; oz, 25c.

White Plume. This is the earliest celery in cultivation and the most easily bleached. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, 85c; lb, \$1.60, postpaid.

New Rose. The Rose Celeries have a superior flavor. The delicate tracings of beautiful rose, shading with the white in the bleached stalk and heart, make this an ornamental table variety. This solid celery is a very good keeper and is rich and nutty in flavor. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 60c; $\frac{1}{2}$ lb, 90c; lb, \$1.75, postpaid.

Golden Self-Blanching Celery. This is absolutely the best sort to plant for the market. It is not quite so early as White Plume but the plants are of heavier and more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, \$1.25; $\frac{1}{2}$ lb, \$2.00; 1 lb, \$3.75, postpaid.

Giant Golden Heart. Its rich golden color, its size, crispness and excellent flavor, com-



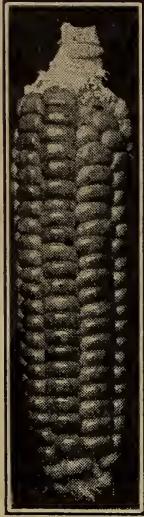
WHITE PLUME

I had some seed which I bought of you four years ago, and planted them. They all produced a crop. A word about your sweet corn, I planted early sweet corn from four other seed houses, but none of it got anywhere near roasting ears, while we got quite a few roasting ears from your corn which was two weeks ahead of any of the others.
—J. C. Laffin, Williams, Minn.

Sweet Corn

One pound to 100 hills; 15 pounds per acre. One pound of sweet corn is a little more than a pint.

Culture—plant in drills about three feet apart, one kernel every six inches, or in hill, $2\frac{1}{2}$ feet apart in the row, and the rows three to three and one-half feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate.



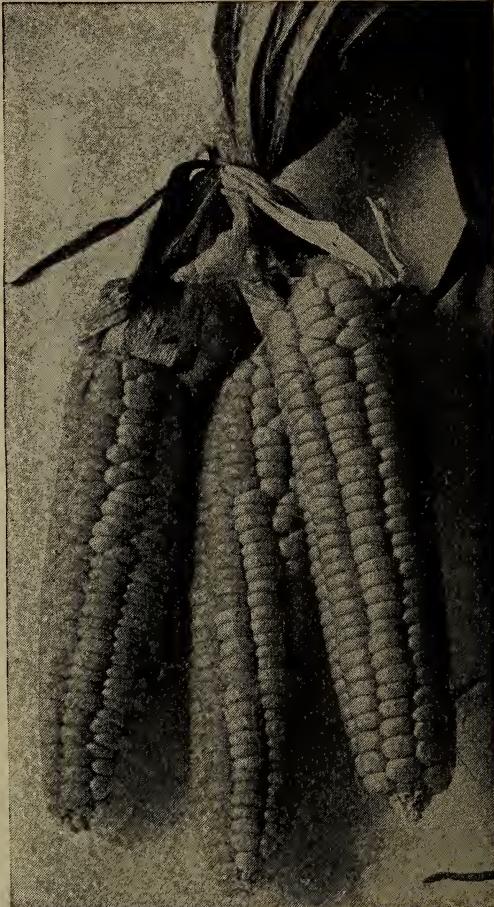
ASSINIBOINE
CORN
 $\frac{1}{2}$ lb., 40c; 1 lb., 60c, postpaid. By express
or freight, 5 lbs., \$2.00.

Will's Early June. The earliest sweet corn raised. A very dwarf and amazingly early variety, bred by us for a short season, and a true and delicious sweet corn. In great demand in Canada and in Mountain regions where the season is very short, as well as by market gardeners and corn lovers who wish the longest possible succession of varieties. Pkt, 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. By express or freight, 10 lbs., \$2.50.

Golden Bantam. To anyone who has tasted its delicious, golden roasting ears, it needs no introduction. A heavy producer, and ears remain edible for an unusually long period. Pkt, 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$2.25; 50 lbs., \$9.00.

Nuetta Sweet Corn. Formerly listed as Indian sweet corn, but since we are naming items after the other Ft. Berthold tribes, all of whom grew the different vegetables, we have given the Mandan name for themselves to the sweet corn. Our original seed was obtained from a Mandan Indian and we have selected it for the past eight years. It has

proved very nearly as early as the Early June with much larger ears, and a great many ears to the stalk, making it the most productive variety we have. Roasting ears are yellow and very sweet, rivalling the Golden Bantam. Pkt, 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. By express or freight, 5 lbs., \$1.25; 10 lbs., \$2.25



NUETTA SWEET CORN

I have tried many varieties of sweet corn but your Early June excels any and all others, both as to earliness and productiveness. All your seeds have proved the best I have ever used.—Mrs. Belle Van Dusen, Blanchard, N. D.

The seeds I purchased of you last year were fine. I had a good garden despite the dry weather. Will's Early June sweet corn matured under the most adverse circumstances.—Mrs. Frank M. Wilson, Banks, N. D.

We think the Indian sweet corn the best sweet corn we ever got hold of.—W. H. Hawk, Big Lake, Minn.

Improved Early Dakota. This is a northern grown selection of the Mammoth White Cory which has proved to be only a trifle later than the very early sorts, and a heavy producer of huge, plump and delicious ears. It is far superior to the old Early Dakota. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 20c; lb, 35c, postpaid. By express or freight, 10 lbs, \$2.00.

Will's Banana Cream. This is a medium late variety which follows Golden Bantam. It is an unusually delicious table corn with large, well filled ears, and the ears remain fit for table longer than any other variety we have tested. Without question the best main crop corn for the Northwest. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 35c, postpaid. By express or freight, 10 lbs, \$2.50.

Improved Stowells Evergreen. For many years Stowells Evergreen Corn has been the most prominent main crop variety. The ears are of medium size. The grains are deep, exceptionally tender and remain a long time in an edible condition. Pkt, 5c; $\frac{1}{4}$ lb, 10c; $\frac{1}{2}$ lb, 15c; lb, 25c, postpaid. 10 lbs, \$1.75; 50 lbs, \$7.00, by express or freight.

POPCORN

White Rice. Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. By express or freight, 10 lbs, \$1.75.

Queen's Golden. Of a beautiful yellow color with smooth kernels, and pops perfectly. Not quite as early as the early strain of White Rice. Pkt, 5c; $\frac{1}{4}$ lb, 15c; $\frac{1}{2}$ lb, 25c; lb, 40c, postpaid. By express or freight, 10 lbs, \$2.00.

Iriquois Pop Corn. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Pkt, 5c; $\frac{1}{4}$ lb, 20c; $\frac{1}{2}$ lb, 35c; lb, 60c, postpaid. By express or freight, 5 lbs, \$2.00.

ENDIVE.—Sow outdoors in rows 18 inches apart, later thin to 10 inches in the row. When well grown tie the leaves up to blanch. 1 oz. plants a 50 ft. row, or makes 3,000 plants.

Mammoth Green Curled. An improved variety, leaves crisp, tufty and full. Midrib is pure white with large white heart. $\frac{1}{4}$ lb, 50c postpaid.



IMPROVED EARLY DAKOTA



BLACK BEAUTY

Nest Egg. Resembling in color, shape and size, the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful for covering screens, etc. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c, postpaid.

New Japanese Dish Cloth or Luffa. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitute for dish cloths and bath sponges imaginable, besides being useful for various articles of fancy work. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.

Hercules. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.

For eight years I have used Oscar Will's seeds on farm and garden, and to say I am well pleased is putting it mildly.—Fred B. Jordan, Lambert, Mont.

EGG PLANT

Culture—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground $2\frac{1}{2}$ to 3 feet apart each way.

Black Beauty. We are this year cataloging a new variety of Egg Plant, which is especially adapted to the Northwest on account of its earliness. Black Beauty ripens from ten days to two weeks before other varieties, and is also a delicious variety esteemed for the market or family use. Pkt, 5c; oz, 50c; $\frac{1}{4}$ lb, \$1.75.

New York Improved. A larger and later variety. Pkt, 5c; oz, 40c; $\frac{1}{4}$ lb, \$1.50.

KOHL RABI

One ounce sows 150 ft. drill. Culture, about the same as for turnips.

Early White Vienna. An early variety of excellent flavor, tender and meaty. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 75c, postpaid.

LEEK

Large London or Flag.—Culture—Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 60c, postpaid.

GOURLDS

Nest Egg. Resembling in color, shape and size, the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful for covering screens, etc. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c, postpaid.

New Japanese Dish Cloth or Luffa. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitute for dish cloths and bath sponges imaginable, besides being useful for various articles of fancy work. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.

Hercules. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c, postpaid.

For eight years I have used Oscar Will's seeds on farm and garden, and to say I am well pleased is putting it mildly.—Fred B. Jordan, Lambert, Mont.

Cucumbers

One ounce of seed will plant fifty hills.

Culture—As soon as the weather becomes warm and settled in the spring, plant in well prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill, cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest; thorough, but shallow cultivation is essential.

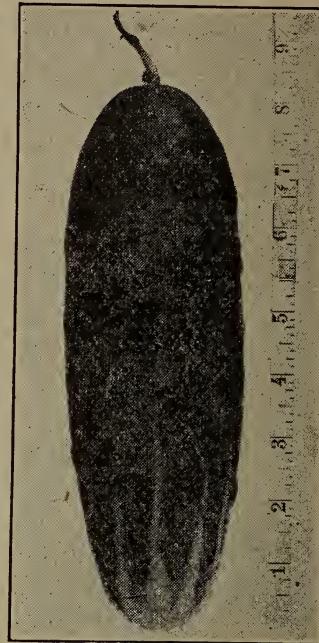
Early Fortune. Several years trial have fully convinced us that this is the earliest and best cucumber yet introduced. With earliness it combines good flavor and superior keeping qualities. For market gardeners it is the ideal sort; furnishing an abundant supply of cucumbers over a long period. The flesh is white, fine grained and crisp. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid.

West India Gherkin. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid.

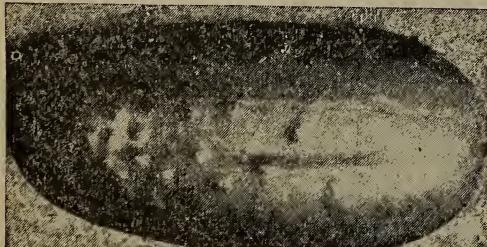
Early Cluster. A pickling type often setting fruit in clusters of 2 or 3. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, 90c.

White Wonder. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white color, of good keeping quality and average about eight inches in length and two and one-half inches through. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.00, postpaid.

Will's Improved Long Green. Our improvement on the old standard long green type. A general utility variety, being valuable for pickling or for eating fresh. Just the type for the small garden. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid.



EARLY FORTUNE



JAPANESE CLIMBING

Cool and Crisp. This is an unsurpassed pickling variety. Of even size and shape, fine grained and excellent flavor; it is sought for its pickling qualities. In addition it is a wonderfully productive yielder. Pkt, 5c; $\frac{1}{4}$ lb, 30c, $\frac{1}{2}$ lb, 50c; lb, 90c.

Chicago Pickling. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. We are able to make the price very attractive. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 80c, postpaid.

Early White Spine. Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor. In this country this variety is used more, perhaps, than any other for forcing under glass. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 60c; lb, 90c, postpaid.

Davis Perfect. A grand new variety. Dark, glossy, green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.25, postpaid.



COOL AND CRISP

Save This Catalogue for Cultural Directions.

Lettuce

Culture—For very early use the seed may be sown in hot-bed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over $\frac{1}{2}$ inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

CURLED OR LOOSE HEAD VARIETIES

Detroit Market Gardener. This variety is excellent for forcing under glass. The leaves are slightly frilled, crisp, tender and of excellent quality. We cannot recommend this grand new sort too highly. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, 90c; lb, \$1.75, postpaid.

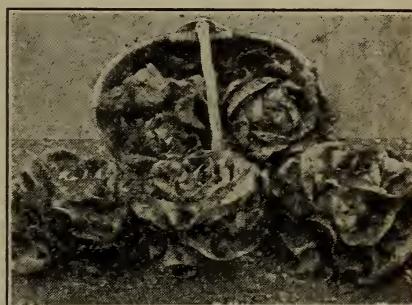
Prizehead. The light green leaves of this variety are broad and frilled, and often form a loose head. They are sweet, tender, and well flavored. This old favorite is very early, compact in growth and withstands heat. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.00, postpaid.

The following standard varieties of Loose or Leaf Lettuce, prices postpaid. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 90c.

Early Curled Simpson. Finely crimped and fringed leaves, light green, very sweet and tender.

Tomhannock. Large, upright, crisp leaves fringed with brown.

Paris White Cos.—(Celery Lettuce). Loose, conical, yellowish green heads.



PRIZEHEAD

HEADING VARIETIES.



TENNISBALL

Early Black Seeded Tennisball. A compact, solid lettuce of great merit. The thick, dark green leaves are crisp and tender. It is unexcelled for early outdoor planting. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 90c, postpaid.

May King. This new sort meets the long felt need of a very early head lettuce; forming very compact, medium sized heads. The color is a light yellowish green, tinged with brown when mature. The inner leaves blanch a beautiful creamy yellow. The flavor is delicious and it is ready for use before any other variety of head lettuce. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.00, postpaid.

Hanson. We recommend this solid heading variety. The heads are green outside and white within. It is a large, drought resistant sort, sweet, crisp and tender. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, 90c, postpaid.

Brown Dutch. Outer leaves are large, thick, and tinged with brown. The inside blanches beautifully. This is a very hardy variety. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, 90c, postpaid.

The following valuable varieties of Head Lettuce, prices postpaid. Pkt, 5c.. oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 45c; lb, 85c.

White Summer Cabbage. A bright green, vigorous, sure heading sort.

Crisp-as-Ice. Green heads with rich tender, creamy yellow hearts.

Golden Ball. Stands intense heat. Heads a beautiful golden color.

Iceberg. Heads light green, tinted with red, conical in shape and of medium size.

Hardhead. One of the hardest heading of all lettuces, always crisp and tender.

I always found your seed the very best I have ever used and they always come cheaper in the end, as I can raise more with your seeds than I can raise with the same amount of other seeds.—Bert Sauvageau, Killdeer, N. D.

I used your seed last year and find that they are much better than any I have ever used and are finely adapted to this section of the Northwest.—Jas. D. Bibb, Fort Benton, Montana.

Musk Melon

One ounce of seed for fifty hills; 2 or 3 pounds per acre.

Culture—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible.

Paul Rose or Petoskey. An oblong, deep green, extra good keeping and shipping salmon-fleshed melon. The fruit is oval and about five inches in diameter. The flesh is thick, firm and highly flavored. It represents the highest combination of flavor and keeping qualities. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 90c, postpaid.

Page's Early. A very early melon, in fact the earliest we have ever tried. Of the Siberian type but varying considerably. Not as sweet as some but certain to mature. Seed supply short. Pkt, 5c; oz, 30c, postpaid.

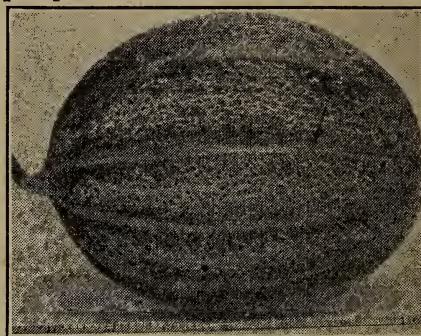
Miller's Cream. This is the best flavored variety in cultivation. It is the favorite main crop sort for truck gardeners and home use. The vines are vigorous and productive. The fruits are medium sized, oval, dark green, slightly ribbed, and grey netted. The flesh is very thick, of rich orange-salmon color, with a very small seed cavity. The flavor is very sweet, delicious, and melting in quality. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 90c, postpaid.

The Early Knight. Is the earliest musk melon of quality we have ever had on trial.

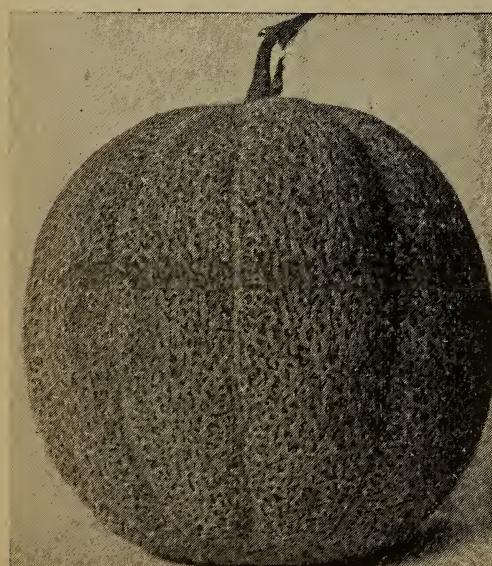
It is medium in size, oblong in shape, distinctly ribbed and well netted. The green flesh is thick, but crisp and firm; exceptionally sweet, of spicy flavor and rich aroma. It is a very productive sort and we are glad to offer it to our customers. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 65c; $\frac{1}{2}$ lb, \$1.20; lb, \$2.00, postpaid.

Gold Lined Rocky Ford. This strain is so far superior to the old Rocky Ford that we have stopped growing the latter variety. The thick, delicious flesh is a rich deep green, showing a faint lining of gold at the center. It is of the highest quality, an excellent shipping sort, and largely grown by market gardeners. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 55c; $\frac{1}{2}$ lb, \$1.00; lb, \$1.90, postpaid.

Emerald Gem. An extremely early sort; the fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, very sweet and luscious. The vines are hardy and very prolific. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 45c; $\frac{1}{2}$ lb, 70c; lb, \$1.20, postpaid.



MILLER'S CREAM



Extra Early Hackensack. It is a large sized deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 50c; lb, 90c, postpaid.

Extra Early Osage. Is one of the earliest and best melons grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich, orange-salmon, very thick, with small seed cavity. This is a grand variety for our Northwestern conditions. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 65c; $\frac{1}{2}$ lb, \$1.20; lb, \$2.00, postpaid.

Vine Peach. (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a Peach. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 75c, postpaid.

Garden Lemon. The fruit is smaller than the Vine Peach, which it resembles in growth, but has a thinner flesh and more acid flavor. It is a novelty of value. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 50c postpaid.

Selected Watermelons

One ounce of seed for 30 hills. 2 or 3 pounds per acre.

Culture—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground.

Light Icing or Ice Rind. The fruit is of medium size; the skin is a light, clear green. The flesh is a rich, bright red, sweet, brittle and melting in the mouth. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 25c; $\frac{1}{2}$ lb, 40c; lb, 75c, postpaid.

Phinney's Early. The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is pink and tender. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, 95c; lb, \$1.50, postpaid.

Cole's Early. One of the earliest and best. It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. Pkt, 10c; oz, 20c; $\frac{1}{4}$ lb, 65c; $\frac{1}{2}$ lb, \$1.10; lb, \$2.00, postpaid.

Mountain Sweet. A grand old variety. Medium in size; the melons are long and very dark green. The flesh is bright red, solid and very sweet. Once tried, it needs no argument. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 25c; $\frac{1}{2}$ lb, 40c; lb, 75c, postpaid.



COLE'S EARLY

Peerless or Ice Cream. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 25c; $\frac{1}{2}$ lb, 40c; lb, 75c, postpaid.

Kleckley Sweets—(Monte Cristo). This melon is fairly large, oblong, but tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid.



WILL'S SUGAR WATERMELON
EARLIEST ON EARTH

Will's Sugar. The one best melon for the Northwest, the earliest and sweetest in the world. Our supply failed again last year and we have raised an even larger quantity for this season. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, 90c; lb, \$1.50.

Colorado Preserving Melon. This is quite distinct from the old fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.00, postpaid.

Citron. A round, handsome fruit of small size, with white solid flesh; it is used in

making sweetmeats and preserves. Ours is the old standard strain. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.00, postpaid.

We are sending you again a small order this year as we were very much pleased with the seed we bought of you last year.—H. and O. Harzbarger, Dudley, Idaho.

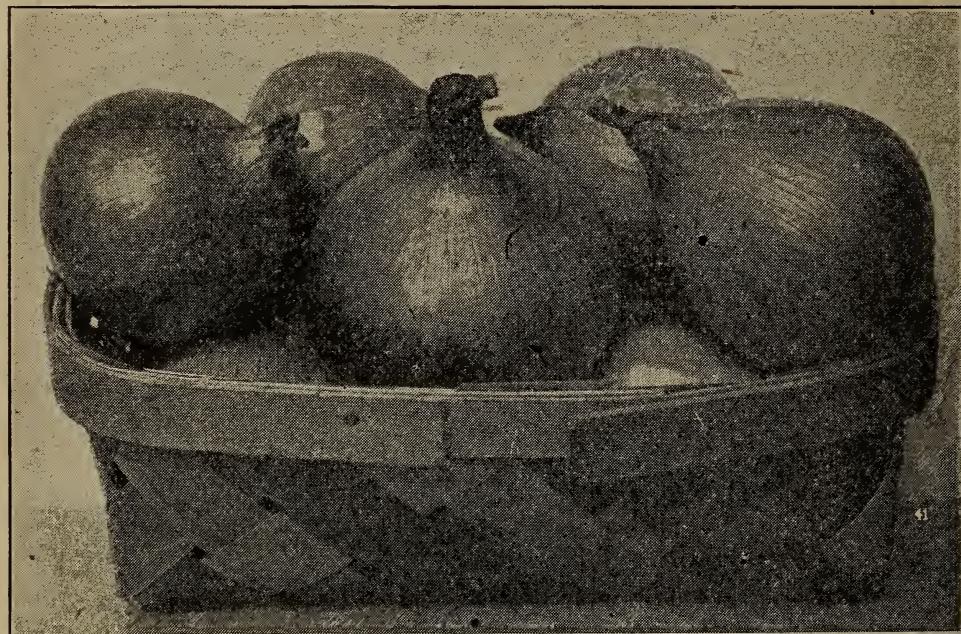
We have used your seeds and were so well pleased we shall order more this spring.—Mrs. F. A. Rhea, Devils Lake, N. D.

Will's Best American Grown Onion Seed

One ounce for 100 feet of drill, 4 to 5 pounds per acre.

Culture—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep.

We wish to call especial attention to our onion seed. We are offering nothing but strictly fresh stock from the best and most careful growers. Our prices will compare favorably with those of any other house, and our varieties and stock are adapted to Northwestern conditions.



WILL'S DAKOTA GLOBE ONIONS

Will's Dakota Globe Onion. Dakota Globe is the finest and best selected stock of yellow globe onion, and especially adapted to our growing conditions in the Northwest. It has given the best results for a number of years now and we are convinced that our customers will demand it in ever increasing quantities. It is early, productive, uniform both in color and size and an exceptionally good keeper. An excellent onion to sow on breaking. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, \$1.60; lb, \$3.00, postpaid. By express or freight, 5 lbs, \$14.00.

Welsh Winter Onion Seed. (Perennial). We have somewhat neglected this variety and wish to call our customers attention to it this season. This seed may be sown either in the fall or spring. Good green onions are produced during the summer, and all that are not used may be left in the ground over winter and will produce the nicest kind of spring onions. They come even earlier than the top onions in the spring and are of a milder and pleasant flavor. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 75c.

I have bought all my onion seed of you and have had good onions. I find your seed to be first class in every respect.—Frank McDonald, Opal, S. D.

Your seed at hand and it is the best looking seed I have ever had.—A. H. Zahl, Miles, Washington.

Food Will Win the War
Seed Will Produce Food—Don't Waste It.

Onions (Continued)

Best Southport Large Red Globe. This is one of the handsomest varieties. Our thin neck strain ripens down to a thick, solid, glossy red ball. It is a sure ripener, a good keeper and very showy when cleaned for market. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 85c; $\frac{1}{2}$ lb, \$1.50; lb, \$3.00, postpaid. 5 lbs, by express or freight, \$14.00.

Large Red Wethersfield. One of the oldest and best known strains, a sure and heavy yielder; it is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite variety for poor or dry soils. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 85c; $\frac{1}{2}$ lb, \$1.60; lb, \$3.00, postpaid. 5 lbs, by express or freight, \$14.00.

Best Extra Early Red Flat. An early, good yielding variety, the bulbs are of medium size, deep red color, and the flesh is close grained and mild in flavor. This sort does fairly well even in cold and murky soils, and is to be highly recommended for the Northwest. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 75c; $\frac{1}{2}$ lb, \$1.50; lb, \$2.75, postpaid. 5 lbs, by express or freight, \$12.50.



RED WETHERSFIELD

Best Extra Early Red Bermuda. The onions grow to an immense size and are very broad and flat. The skin is very thin and pale red in color. The flesh is pinkish white, fine grained, crisp and very mild. It will grow an onion from 1 to $1\frac{1}{2}$ pounds from seed and is very early and profitable. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 75c; $\frac{1}{2}$ lb, \$1.60; lb, \$3.00, postpaid. 5 lbs, by express or freight, \$14.00.

Best Yellow Globe Danvers Onion. This is a standard variety for winter use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. Our selection is most carefully made, and fully equal to the best market garden varieties. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 85c; $\frac{1}{2}$ lb, \$1.60; lb, \$3.00, postpaid. 4 lbs, by express or freight, \$14.00.



YELLOW GLOBE DANVERS

Best Yellow Prizetaker. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 5 pounds. Pkt, 5c; oz, 25c; $\frac{1}{4}$ lb, 90c; $\frac{1}{2}$ lb, \$1.75; lb, \$3.25, postpaid.

Australian Brown. This variety is extremely early and a wonderful keeper. There are no scullions, and the bulbs form very early. The skin is generally of a bright reddish brown, but like all Australian originations, shows a tendency to vary slightly. Onions of this sort have been kept a year in good condition. Pkt. 5c: oz. 20c; $\frac{1}{4}$ lb, 75c; $\frac{1}{2}$ lb, \$1.50; lb, \$2.75, postpaid. 5 lbs, by express or freight, \$12.50.

Best Southport White Globe. This pure white, thin skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained, and of mild flavor. Pkt, 5c; oz, 35c; $\frac{1}{4}$ lb, \$1.50; $\frac{1}{2}$ lb, \$2.75; lb, \$5.00, postpaid.

Best Silverskin or White Portugal. A large, flat, hard and fine-grained onion. It is very desirable for home use for pickling when young, and much used as a bunching onion. The flavor is very mild and pleasant. Pkt, 5c; oz, 35c; $\frac{1}{4}$ lb, \$1.50; $\frac{1}{2}$ lb, \$2.75; lb, \$5.00, postpaid.

Best New Queen. This is a small, rapid growing white onion used extensively for pickling and the table. It is a remarkable keeper. Pkt. 5c; oz, 35c; $\frac{1}{4}$ lb, \$1.50; $\frac{1}{2}$ lb, \$2.75; lb, \$5.00, postpaid.

Received seeds which you sent in place of the ones which were mixed up in our first order. Thank you for your promptness and kindness in sending same.—John Beaver, LeGrand, Montana.

Onion Sets

Unless otherwise instructed we shall hold onion set orders till danger of freezing is past.

Bottom Onion Sets. These are the product of seed planted closely to prevent full development. They are used to produce "green onions" or large onions, which they do much quicker than can be produced from seed. Prices on pecks and larger lots subject to change.

Yellow and Red Bottom Sets. Fine, well cured North Dakota grown sets. Pt, 20c; qt. 30c, postpaid. By express or freight, Qt. 25c; pk. \$1.50; $\frac{1}{2}$ bu. \$2.75; bu. \$5.00.

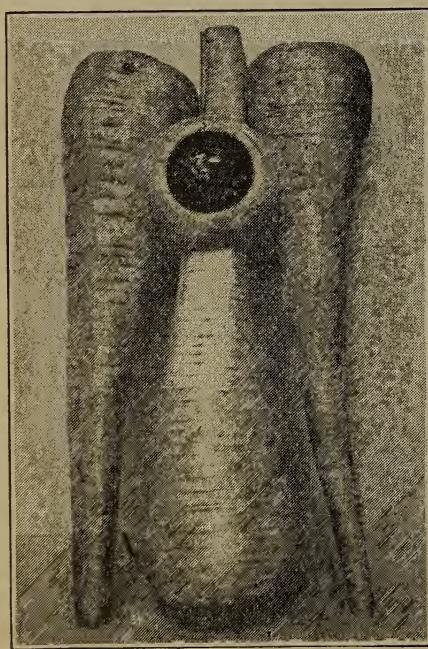
White Bottom Sets Preferred by some because of the color. Pt. 30c; qt. 50c, postpaid. By express or freight, qt. 40c; pk. \$1.75; $\frac{1}{2}$ bu. \$3.25; bu. \$6.00.

Top or Winter Onion Sets. Perennial. Live in the ground all winter and start very early in the spring. Pt. 25c; qt. 40c, postpaid. By express or freight, pt. 20c; qt. 30c; pk. (7 lbs.), \$1.50.

Multiplier Onion Sets. Also called Bunch Onions or Potato Onions. Excellent for early Spring Onions. Pt. 30c; qt. 50c, postpaid. By express or freight, pt. 25c; qt. 40c; pk. \$2.00; bu. \$6.00

OKRA

Dwarf Green. A southern vegetable that is difficult to raise in the North. Start plants inside and transplant after frost is over. This is the earliest variety. Pkt. 5c; oz. 10c, postpaid.



IMPROVED GUERNSEY PARSNIP

PARSNIP

One ounce for 200 feet of drill; 4 to 5 pounds per acre.

Culture—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as plants are large enough to handle.

Improved Guernsey. This is the thicker, heavier type of parsnip. Fine grained and sweet flesh, especially after the first frost. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 75c; $\frac{1}{2}$ lb, \$1.50; lb, \$2.50, postpaid.

Long, Smooth or Hollow Crown. A great cropper, tender, sugary and considered one of the best for general cultivation. Parsnips are improved by remaining exposed to frost. Pkt, 5c; oz, 20c; $\frac{1}{4}$ lb, 75c; $\frac{1}{2}$ lb, \$1.50; lb, \$2.50, postpaid.

PARSLEY

Culture—Soak the seeds a few hours in luke warm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

Champion Moss Curled. Leaves beautifully curled and moss-like, of the richest green. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 20c; lb, 75c, postpaid.

Turnip Rooted. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. If cut into small pieces, is a delicious vegetable. Pkt, 5c; oz, 15c, postpaid.

New XXX Parsley. The wonderful dark green color and the exquisite curliness are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. Pkt, 10c; oz, 25c; $\frac{1}{4}$ lb, 75c, postpaid.

Pepper



NEAPOLITAN PEPPER

Culture—Sow the seed (which is slow to germinate) in hot bed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows $2\frac{1}{2}$ feet apart, setting the plants about 18 inches apart in the row.

Neapolitan. Further trials of this variety since we listed it last season have convinced us that this is the very earliest sort we have ever tried. It starts producing nearly two weeks before any other sort, and is of course for that reason exceedingly valuable in the Northwest. The quality is excellent and in every way the fruit compares with any other variety. Pkt, 5c; oz, 50c, postpaid.

Ruby King. One of the most profitable and satisfactory varieties for the home and market garden. The fruits are large, from 4 to 6 inches long by 3 to 4 inches thick, and of a bright ruby-red color when ripe. The flesh is thick, sweet and mild. Pkt, 5c; oz, 50c.

Red Cayenne. The pods are long and slender, and when ripe a bright red, extremely strong and pungent. Pkt, 5c; oz, 50c.

Large Bell or Bull Nose. A standard early variety, and popular as a picking sort. The scarlet fruits are three inches long and blunt ended. The flesh is thick and mild. Pkt, 5c; oz, 50c.

Golden Dawn. Differs from the Bell only in color, which is a bright yellow. Pkt, 5c; oz, 50c.

Chinese Giant. One of the largest of the mild red varieties, 4 to 5 inches in diameter and of equal length. When ripe the color is a brilliant scarlet. It is very early and prolific, tender, mild and sweet. Pkt, 10c; oz, 50c.

For Hardy Pepper Plants, See Page 66.

Pumpkins for the Northwest

One ounce to 30 hills; three to four pounds per acre.

Culture—Plant in hills six to eight feet apart, with 5 or 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons.

Sweet Sugar. (New England Pie). The type is small, round, with flattened ends, and slightly ribbed. The skin and flesh are a deep orange yellow. The thick meat is remarkably sweet, fine grained and dry. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 30c; $\frac{1}{2}$ lb, 55c; lb, \$1.00, postpaid.

Sweet Potato. Of medium size and nearly bell-shaped; the flesh is a creamy white, fine grained, and rich—the very best pumpkin for cooking purposes. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.00, postpaid.

Golden Oblong. Very hardy and productive. The skin is a rich, golden orange, thin but tough. The flesh is a light golden yellow of fine quality. This is a fine keeper. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.00, postpaid.

Connecticut Field. Planted in corn for stock feeding and also used for pies. The flesh is a rich orange-yellow. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 55c; lb, 90c, postpaid.

Quaker Pie. A medium size variety with creamy white skin and flesh. It is very hardy and productive. Pkt, 5c; oz, 10c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 60c; lb, \$1.00, postpaid.

King of Mammoths. The giant among pumpkins. Specimens have grown to weigh 250 pounds and to reach two feet in diameter. The flesh and skin are a bright golden yellow, fine grained and excellent for cooking, and pies. Pkt, 5c; oz, 15c; $\frac{1}{4}$ lb, 50c; $\frac{1}{2}$ lb, 90c; lb, \$1.75, postpaid.



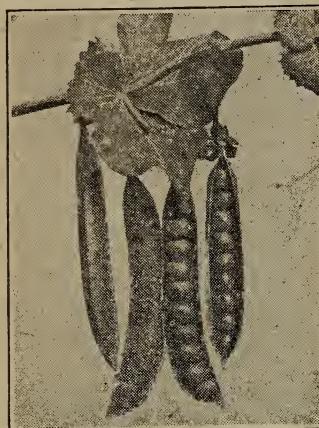
QUAKER PIE

I used to have your seed, and think they are much more adapted to the west than any other seeds. Please send catalogue.—Mrs. Jack Davis, Hardin, Montana.

Will's Choicest Garden Peas

Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

Culture—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only on inch deep, and where earliness is the most important, they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under.



FIRST OF ALL

EARLY VARIETIES

First of All. This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. Pkt, 5c; ¼ lb, 15c; ½ lb, 25c; lb, 40c, postpaid. By express or freight, 5 lbs, \$1.40.

Gradus or Prosperity. This is one of the earliest of the large podded varieties. The vines reach a height of 3 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those

of the Telephone, and the tender Peas are of a most delicious flavor. It is the market gardeners' favorite. Pkt, 5c; ¼ lb, 15c; ½ lb, 30c; lb, 40c, postpaid. By express or freight, 5 lbs, \$1.40.

LARGE PODDED EARLY DWARF VARIETIES

Nott's Excelsior. This is a grand old early dwarf variety. The vines are 15 inches in height and the yield of both pods and peas is greater than that of the other dwarf varieties. The pods average about four inches long, light green in color, and always well filled. It is a fine sort for the market garden. Pkt, 5c; ¼ lb, 15c; ½ lb, 30c; lb, 40c, postpaid. By express or freight, 5 lbs, \$1.40.

McLean's Little Gem. An early dwarf pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. Pkt, 5c; ¼ lb, 15c; ½ lb, 25c; lb, 35c, postpaid. By express or freight, 5 lbs, \$1.30.

Pioneer. An improved type of Laxtonian; this first early dwarf variety bears an immense crop of very large pods containing eight to nine rich green peas. This is one of the best sorts for the home or market garden. Pkt, 5c; ¼ lb, 20c; ½ lb, 30c; lb, 50c, postpaid. By express or freight, 1 lb, 40c; 5 lbs, \$1.50.



NOTT'S EXCELSIOR

Your enclosing check received. I want to say I thank you very much for your prompt attention. From what business I have done with you, I have had the best treatment of any seed house.—H. A. Christiansen, Ryder, N. D.

Please send your catalog as I have had good luck with seed from your house.—L. D. Swiger, Devils Lake, N. D.

GARDEN PEAS



LITTLE MARVEL

Peter Pan. The best of the large podded dwarf extra early Peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long which contain from 9 to 10 bluish-green peas of the highest quality. It is one of the best new sorts. Pkt. 5c; ¼ lb. 20c; ½ lb. 30c; lb. 40c. By express or freight, 5 lbs. \$1.50.

Little Marvel. An extra fine dwarf variety. The vines are strong, from 15 to 18 inches in height, heavily set with dark green pods, usually produced in pairs. The pods are filled with from seven to eight peas of extra fine flavor. When size, color of pods, and quantity and quality of peas are considered, this is an extremely valuable variety. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c. By express or freight, 5 lbs. \$1.40.

BLISS' EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c., postpaid. By express or freight, lb. 30c; 5 lbs. \$1.25.

Prince of Wales. This may properly be called the main crop pea. The vine averages two feet in height. Our strain will produce more pods from a given number of seeds than any other sort, and will give a greater number of peas to the same number of pods. The peas are large and fine flavored. Try them. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c, postpaid. By express or freight, lb. 30c; 5 lbs. \$1.25.

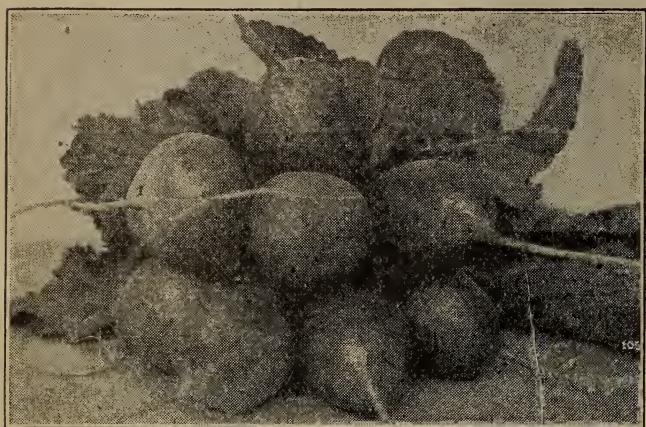
Champion or England. Although the whole race of wrinkled peas has come from this old variety, no selection has surpassed it in quality or sweetness. The vines grow about five feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior. Pkt. 5c; ¼ lb. 15c; ½ lb. 25c; lb. 40c, postpaid. By express or freight, lb. 30c; 5 lbs. \$1.25.



PRINCE OF WALES

Please send catalog, we want to try your seeds here as we have used them with good results in Wyoming—G. C. Connally, Sidney, Neb.

WILL'S NORTHERN GROWN RADISH SEED



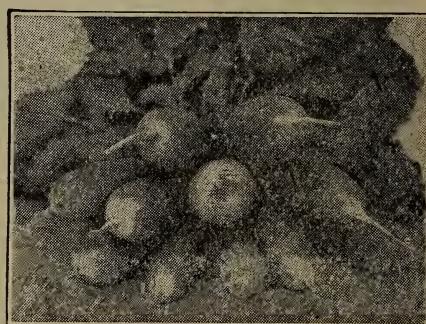
EARLIEST CARMINE

Burpee's Surprise. The best general purpose radish for home use. Fairly early and remains good a very long time, in fact is such a good keeper that it may be sown late in the season and used as a winter radish. Very crisp and never pithy. Color, a beautiful yellow. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 65c; lb. \$1.25, postpaid.

Mixed Radish Seed. This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes as the early ones when taken out thin the rows for the later sorts. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 60c; lb. \$1.00, postpaid.

French Breakfast. A half long, very crisp radish, the body is a bright scarlet and the blunt tip white. Early and a great favorite on the market. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. 90c; lb. \$1.75, postpaid.

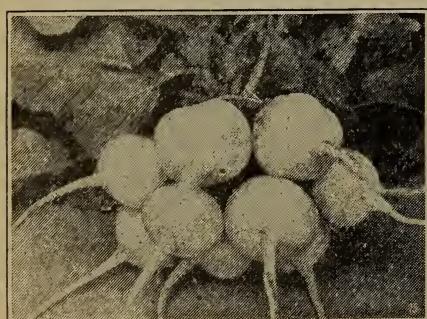
Black Spanish Winter. One of the latest as well as the hardiest of radishes, and is considered an excellent sort for winter use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; lb. \$2.00, postpaid.



FRENCH BREAKFAST.

China Rose Winter. The best winter radish in cultivation. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; lb. \$2.00, postpaid.

Model Box. White radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip shaped radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.25, postpaid.



MODEL BOX

ORDER EARLY

I bought seeds of you which proved to be the best I ever planted.—Edgar M. Keith, Brennan, S. D.

Have had seed from Will's for some years and am very satisfied.—Mrs. R. R. Rowland, Belfry, Mont.

For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.

Earliest Carmine. Since we are absolutely unable to offer any Saxa seed this year the Early Carmine is again our earliest radish. A quick growing, high quality red radish, round and smooth, crisp and tender, and of good flavor. An old favorite among our customers. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.05; lb. \$2.00 postpaid.



ALL-THE-TIME

Long Scarlet Sharp Top. The old reliable long, red variety. The tops are short, the roots smooth, slender and uniform. The color is attractive and they are in great demand for the market. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. 85c; lb. \$1.50, postpaid.

Icicle. One of the finest and the longest of the early pure white sorts. Their long, slender form and pure white skin make them very attractive. They are unusually crisp and tender, and preserve these qualities much longer than the red sorts. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.40, postpaid.

Sparkler. This is the latest type of the scarlet, round, white tipped radish. It is an extra early variety which has caused a furore among market gardeners, both on account of its earliness and its quality. Pkt. 5c; oz. 15c; lb. 55c; $\frac{1}{2}$ lb. \$1.05; \$1.05; lb. \$2.00, postpaid.

Valuable Standard Varieties

The following list of varieties are all priced as follows: Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 65c; lb. \$1.25, postpaid.

Scarlet Turnip, White Tip. The original early white tip scarlet turnip.

Early Scarlet Globe. Especially valuable for hotbed or greenhouse forcing. Stands heat without becoming pithy. A money maker for market gardeners.

Chartier. A handsome, long rose-colored radish with white top. An old favorite.

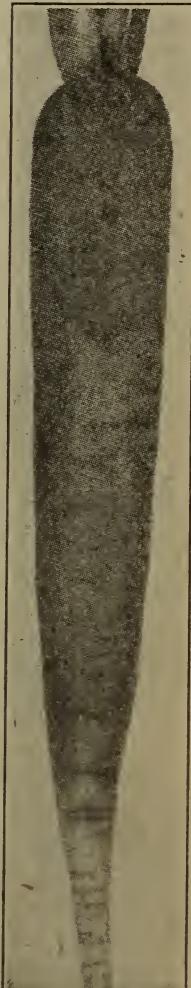
Glass or Cincinnati Market. A long, slender radish, bright red color, tipped with white.

White Strasburg. A well known and much esteemed white radish of long type.

ORDER EARLY WHAT YOU NEED AND NO MORE



SPARKLER



LONG SCARLET SHORT TOP

Will's All The Time. This is a half long, white radish that combines the quality of reasonable earliness with unsurpassed lasting qualities. It is not a winter radish, but under favorable conditions it remains good throughout the summer, attaining a very large size without losing its crispness. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.75, postpaid.

Fireball. One of the newest introductions among the early round, red radishes. It is of round or turnip shape, of bright scarlet color and pure white flesh, which is tender, crisp and of the very best flavor. It has few and short leaves, which admits of very close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. 85c; lb. \$1.50, postpaid.

RHUBARB OR PIE PLANT

Monarch. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor, and excellent for preserving. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; lb. \$1.00. For roots, see page 76.

Spinach

One ounce for 100 feet of drill.

Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks for succession.

Bloomsdale or Savoy Leaved. (Norfolk Savoy). This is the earliest and hardiest variety. The plant is of upright growth, and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50, postpaid.

Long Standing. A late maturing sort which is not inclined to run to seed. The plant is very large with broad arrow-shaped, nearly smooth leaves. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 80c; lb. \$1.50, postpaid.

New Zealand. We have listed this variety after a thorough test, and consider it the very best for the Northwest. It is very heat resistant, stands dry weather, and will yield a continual supply of greens if only the leaves are picked off and the stalk is left to produce more leaves. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.05; lb. \$2.00.

Salsify or Oyster Plant

Sow as early as the ground can be worked, in drills 12 to 13 inches apart, one inch deep. One ounce to one hundred feet.

Mammoth Sandwich Island. This is an improved type of salsify. The roots are double the size of the old variety and of equally good quality and delicate flavor. It is a favorite in the market. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; lb. \$2.25, postpaid.

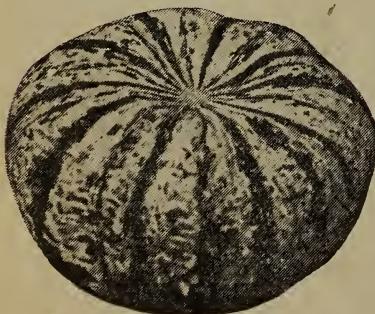
Long Smooth White. The original Oyster Plant, is still the most commonly cultivated, and many claim that it has a stronger and richer oyster flavor than the Sandwich Island variety. We have a carefully selected strain. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; lb. \$2.25, postpaid.

Squashes

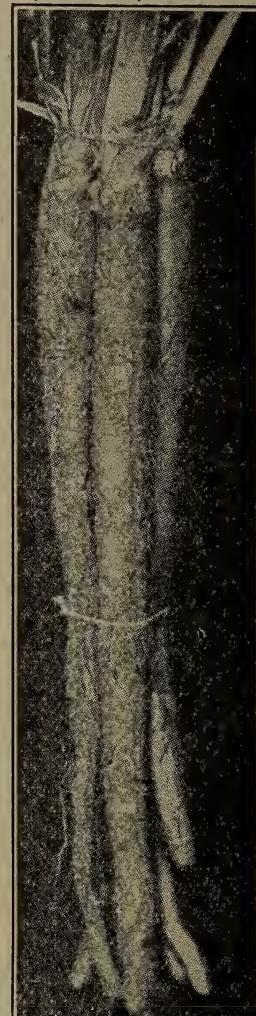
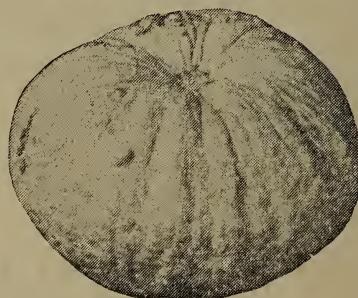
One ounce to 25 hills, summer, and one ounce to ten hills, winter.

Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

Winter and Both Season Sorts

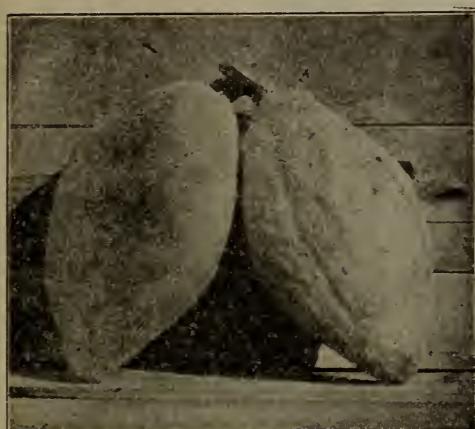


MANDAN SQUASH



SANDWICH ISLAND
SATISFY

Mandan. This variety of squash, acquired by us from the Mandan Indians several years ago, is a true native of the Northwest, and the very earliest squash known. It is also of good quality, fine for frying or baking, and an excellent keeper. This combination of qualities makes it wonderfully popular. Pkt. 10c; oz. 50c, postpaid.



GOLDEN BRONZE

oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 70c; lb. \$1.25, postpaid.

Mammoth Chili. Squashes of this great variety commonly weigh 75 pounds, and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown for exhibition purposes and carries off many prizes. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.25; lb. \$2.00, postpaid.

IMPROVED HUBBARD. The standard winter squash more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.90, postpaid.

RED OR GOLDEN HUBBARD. This is a sport from the True Hubbard, and decidedly like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange red in color. The flesh is a deep orange, dry and of splendid quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 50c; $\frac{1}{2}$ lb. 90c; lb. \$1.60, postpaid.

ROCKY MOUNTAIN. One of the best winter squashes in cultivation. The shell is very hard when fully matured and ranges in color from pale to nearly sky blue. The thick, orange flesh is solid, dry and peculiarly rich in flavor. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00, postpaid.



FORDHOOK. A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw

colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. Pkt. 5c, oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 65c; lb. \$1.25, postpaid.

MAMMOTH WHITE BUSH SQUASH. A very early summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; lb. \$1.00, postpaid.

IMPROVED SUMMER CROOKNECK. A new variety as early as the common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender, and command the highest price on the market. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 55c; lb. \$1.00, postpaid.

SQUASHES--(Continued)

Golden Bronze. This squash averages from eight to ten pounds. The skin is a dark grayish-green, deepening to bronze on the upper surface when ripe. The flesh is thick, bright golden-yellow in color, fine grained, sweet in flavor, and keeps splendidly. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.40, postpaid.

Perfect Gem. This is a long keeping winter squash, 4 to 6 inches in diameter. It is apple-shaped with a smooth creamy skin. The flesh is solid and hard. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.40, postpaid.

Faxon. It is remarkably prolific in habit. It is always dry and rich without regard to size or maturity of fruit. Its valuable points are earliness, long keeping and high table qualities." Pkt. 5c; oz. 10c; postpaid.



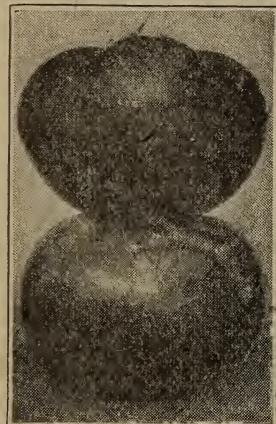
IMPROVED HUBBARD

Fordhook Squash

GOLDEN CUSTARD. (Mammoth Yellow Bush.) This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange, and the flesh is a creamy-yellow. It is a selection of real merit. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb. 30c; $\frac{1}{2}$ lb. 55c; lb. \$1.00, postpaid.

WILL'S BEST TOMATOES

Culture—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past, transplant in open ground about four feet apart each way.



SELECTED EARLIANA

Earliana (Selected early strain). One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. It is the old standard sort and still a favorite. Pkt. 5c; oz. 25c; $\frac{1}{4}$ lb. 90c, postpaid.

Pink Peach. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about same as most early sorts, and excellent to eat fresh. Pkt. 5c; oz. 40c, postpaid.

Golden Queen. "Queen of all the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c, postpaid.

Earlibell. The earliest red tomato in existence; Dakota excepted. It is an enormous yielder and a smooth variety, either for the market gardener or shipper. The plant is a perfect mass of large, beautiful red fruit; one bunch containing 23 good sized tomatoes. Pkt. 5c; oz. 30c; $\frac{1}{4}$ lb. \$1.00, postpaid.

ACME. An old favorite and standard early variety. Fruit large, smooth and of excellent quality. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c, postpaid.

MILLET'S DAKOTA. This wonderful hybrid is a product of this state, originated by Mr. John W. Millet of Bismarck. It is two weeks earlier than either the Earliana or Earlibell. The fruit is of medium size, smooth, uniform shape and colored a rich deep scarlet. The flesh is thick and delicious, entirely free from any acid flavor. The vines are not rank, but bear the heaviest of any of the extra early sorts. Do not let the fact of earliness get away from you; in the Northwest it is all important and in no better way can you insure ripe tomatoes than by planting Millet's Dakota. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. \$1.00, postpaid.



MILLET'S DAKOTA

Burpee's Dwarf Giant. The largest fruited of all dwarf tomatoes. Produced in clusters of four to six, they weigh from ten to twenty ounces each. The color is a rich purple crimson throughout. It is one of the most meaty of tomatoes and the firm flesh extends to the center, for there is practically no core and very few seeds. Pkt. 10c; oz. 40c, postpaid.

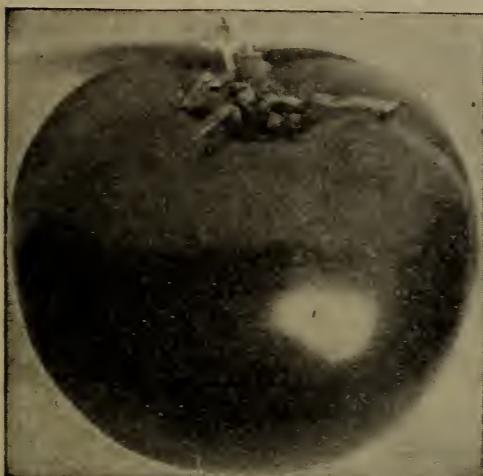
Yellow Plum. A beautiful sort much resembling a plum in size and shape, widely used for preserving. Pkt. 5c; oz. 35c, postpaid.

Red Cherry. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt. 5c; oz. 35c, postpaid.

Pear Shaped. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. Pkt. 5c; oz. 35c, postpaid.

Your seeds are the only ones I have used for about 15 years, they never fail.—Mrs. L. C. Peck, Whitney, N. D.
We have used your seeds for 11 years and think they are the best.—R. No. 3, Verndale, Minn.

WILL'S BEST TOMATOES



EARLY MINNESOTA

New Coreless. The most perfect shaped canning variety. Fine for slicing.

Chalk's Early Jewel. The largest, smoothest and finest flavored early red tomato. For Tomato Plants, See Page 66.

Strawberry, Ground Cherry, or Husk Tomato. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The fruits are half an inch in diameter and enclosed in a husk. Pkt. 5c; oz. 30c; postpaid.

VALUABLE STANDARD VARIETIES

All of the selected sorts, listed below are priced as follows: Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c, postpaid.

Stone. "King of the Reds." A reliable cropper, and a heavy yelder.

Early Minnesota. One of the earliest sorts and a splendid keeper.

John Baer. An early producer and very popular variety.

WILL'S BEST TURNIPS

Culture—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. 1 ounce will sow 150 feet of row; 1 to 2 pounds to the acre.

Purple Top Strap-leaf. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.75, postpaid.

White Egg. (Graystone). A very early snow white variety. The oval roots are of medium size and remarkably smooth. The flesh is firm and fine grained and particularly desirable for table use. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.05; lb. \$2.00, postpaid.

Yellow Aberdeen. A globe-shaped, medium sized, yellow sort. The yellow flesh is nutritious, tender and sweet. This variety is noted for its keeping qualities. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.80, postpaid.



Purple Top Strap Leaf



Early White Flat Dutch

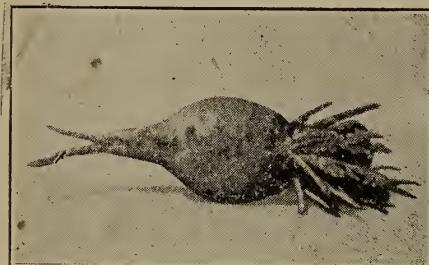
Early White Flat Dutch. This is a very early turnip of medium size and clear white skin. The flesh is juicy, mild and of fine quality. It is a most popular sort for home or market. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 55c; $\frac{1}{2}$ lb. \$1.00; lb. \$1.90, postpaid.

SEE OUR WAR GARDEN SEED AND PLANT COLLECTIONS

WILL'S BEST RUTABAGAS

Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart and frequent cultivation will increase the yield. One ounce to 250 feet of drill; $1\frac{1}{2}$ pounds per acre if drilled, and $2\frac{1}{2}$ pounds if broadcast.

There is a very serious shortage of rutabaga seed this year and the high prices we must charge suit us no better than they do you. Remember, however, that it only takes from $1\frac{1}{2}$ to $2\frac{1}{2}$ pounds of seed to the acre, and that we invite comparison of our prices and quality with those of any other dealers.



WILL'S IMPROVED

Will's Improved American Purple Top Yellow. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Without cultivation or care when sown in this way, the common yields reported have been from seven to ten ton per acre. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb. 50c; *lb. 90c; lb. \$1.75, postpaid.

Pajbjerg Bangholm. We first introduced this wonderful variety from Denmark some six years ago. Our strain has the Danish government's certificate of "First Class Stock." It is somewhat inclined to the Purple Top strain and is exceedingly solid and crisp. It is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 70c; $\frac{1}{2}$ lb. \$1.20; lb. \$2.25, postpaid.

White Sweet Russian. The sweetest and best of the white Rutabagas. The roots are globe-shaped and white with a bronze top. The flesh is white, firm and keeps remarkably well. Pkt. 5c; oz. 20c; $\frac{1}{4}$ lb. 65c; $\frac{1}{2}$ lb. \$1.10; lb. \$2.00, postpaid.

TOBACCO

Comstock Spanish. After several years trial we have given up the Orinoco and the Havana in favor of this grand Wisconsin variety. The plant is very hardy and the leaf large and perfect. Pkt. 10c; oz. 35c. postpaid.

HERBS

All Varieties 5c per packet.

Anise. Used in garnishing and flavoring. The seeds are aromatic. Oz. 15c.

Balm. The fragrant leaves are used in making balm tea. Oz. 30c.

Basil. (Sweet). Leaves used for flavoring soups and stews. Oz. 25c.

Catnip. Leaves used for seasoning. Plant this and make your cat happy. Oz. 40c.

Caraway. Grown for seeds which are used in flavoring. Oz. 10c.

Coriander. The seeds are used in making candy. Oz. 10c.

Dandelion. Used in making a medical tea. Unexcelled for greens. Oz. 10c.

Dill. The seeds are used for pickling cucumbers. Oz. 10c.

Fennel. The leaves boiled are used in sauces. Oz. 10c.

Horehound. Used for seasoning and as a cough remedy. Oz. 30c.

Hyssop. Very aromatic plant with blue flowers. Used in soup. Oz. 25c.

Lavender. Its flowers are used in perfumery. Oz. 20c.

Mustard. (Large White Seeded). Seed used in flavoring pickles. Oz. 10c.

Rosemary. Aromatic leaves used for seasoning. Oz. 20c.

Sweet Marjoram. Leaves and ends of shoots used for seasoning, both green and dried. Oz. 20c.

Saffron. Used in coloring certain dishes and also for flavoring. Oz. 20c.

Sage. The most extensively used herb for seasoning and stuffing. Oz. 20c.

Summer Savory. Leaves and flowers used to flavor soups and dressings. Oz. 15c.

Thyme. A tea made of leaves is a remedy for headache. Oz. 30c.

Wormwood. Beneficial for poultry; should be planted in poultry yards. Oz. 20c.

All Potato prices subject to market changes. Write for prices on large lots.
We do not ship potatoes until danger of frost is over.

NORTH DAKOTA GROWN SEED POTATOES

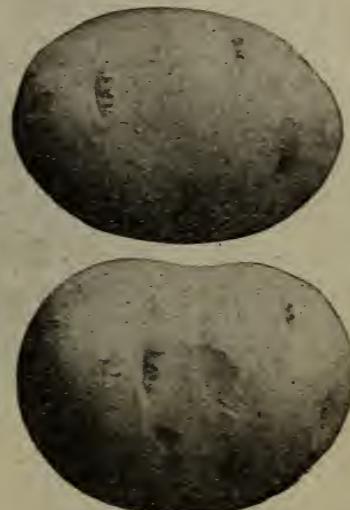
North Dakota grown seed potatoes are known nationally as the best to be procured, and it is always our aim to get the best in North Dakota grown stock. The past year has been unfavorable in this state for large production, but quality is unusually good.

For the Northwest early potatoes are the best crop year in and year out, and we therefore carry nothing later than the main crop White Swan variety. Our experience with the Burbank has been that it is too late for many of our seasons.

EARLY IDAHO POTATO

The Earliest Potato Grown

This is the very earliest potato that we have even seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Earl Ohio; but is somewhat smaller, shorter and more rounded. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the war gardener. The tubers are of exceptionally good quality from the first. By express or freight, Pk. 50c; $\frac{1}{2}$ bu. 90c; bu. \$1.75.



EARLIEST IDAHO

EXTRA EARLY OHIOS

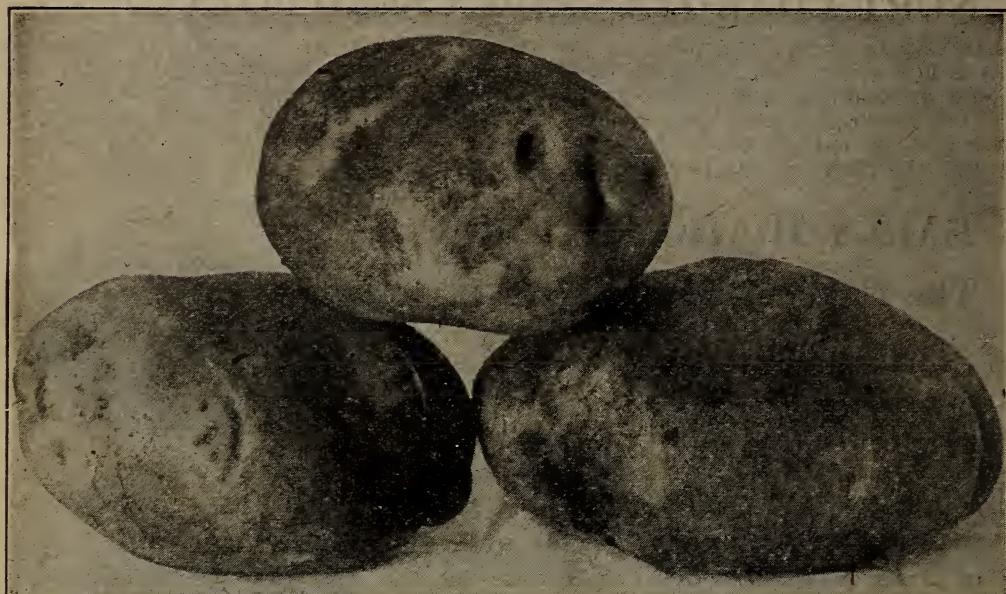
THE STANDARD SEED POTATO OF THE NATION



EXTRA EARLY OHIOS

The Early Ohio is the standard potato of the country. Early, a heavy yielder, uniform in size and probably unexcelled in eating qualities by any other variety; it is always the leader. Our stock is of the best selected strain, of good shape, smooth and clean. Our stock is grown in the Missouri Valley of North Dakota, the best seed raising section in the Northwest, and we believe it to be unsurpassed in qualities that go to constitute good potato seed. Pk. 40c; $\frac{1}{2}$ bu. 75c; bu. \$1.50; 5 bus. \$7.00. By express or freight.

WHITE SWAN POTATOES



WHITE SWAN, THE BEST MAIN CROP FOR N. D.

The White Swan is a locally selected and developed variety of medium late white potato, which has to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. By express or freight, Pk. 50c; $\frac{1}{2}$ bu. 80c; bu. \$1.50; 5 bu. \$7.00.

POTATO EYES

By mail or express.

It has been fully proven by trial that potato eyes carefully cut, and with a small amount of flesh attached, will make just as good seed as the whole potato cut up. That is with the exception of withstanding dry weather at planting time.

For the customer living far from transportation facilities, the possibility of purchasing seed potatoes in neat and compact form by mail is indeed a boon. We do not mail till danger or freezing is over and the fact that the eyes go by mail renders delivery much more prompt than that of whole potatoes by freight.

Idaho Eyes. Postpaid per 100, 75c. By express 1000, \$6.00.

Early Ohio Eyes. Postpaid per 100, 50c. By express 1000, \$4.00.

White Swan Eyes. Postpaid per 100, 50c. By express 1000, \$4.00.

For timely booklets on vegetable planting, storing, canning and drying, get the National War Garden Commission publications. Apply direct to Washington or to our office. We shall be glad to help out with any garden problems.

CHOICE FLOWER SEEDS



PURITY ASTER

ASTERS

Purity. (White Daybreak). The flowers are ball-like in form and about $2\frac{1}{2}$ inches in diameter. They come into bloom in August and are unexcelled for cutting. The color is the purest snowy white. Pkt. 10c.

Branching. This late flowering American strain grows from 2 to 3 feet high and branches freely. The flowers are double and bountiful. Ours is a fine mixed strain. Pkt. 5c.

Daybreak. The head of a distinctly American group of Asters. The broad silvery petals are suffused with soft, delicate pink. The plant is a compact, strong grower, and flowers very early. The round, ball-like flowers make this unsurpassed for florist's use. Pkt. 10c.

Truffaut's Peony—Flowered Perfection. Ours is a mixed strain of this grand old sort. The plants grow from $1\frac{1}{2}$ to 2 feet high and bear very double, large and beautiful flowers. Pkt. 5c.

New Japanese. This is a new giant-flowered, mid-season Aster of real merit. The flowers are immense with long curling petals, closely resembling the Japanese Chrysanthemums. All colors mixed. Pkt. 5c.

For Aster Plants, See Page 64.

All Flower Seed Prices Postpaid

A Few Suggestions on the
Growing of Flower Seeds and
the Treatment of the Young
Plant.

If plants are desired early the seed should be sown indoors in a shallow box or flower pot in light sandy loam. Best results may be had by mixing two parts black loam, one part sand, and one part decomposed stable manure. The soil should be well firmed in the box or pot and the seeds scattered over the smooth surface. Press the seeds into the soil and sprinkle with fine light soil to cover. Covering should never exceed twice the diameter of the seed. For the first few waterings cover surface with cotton cloth to prevent seeds washing out of place. Temperature should be as near 80 degrees as possible. Light, fresh air and sunshine are essential.

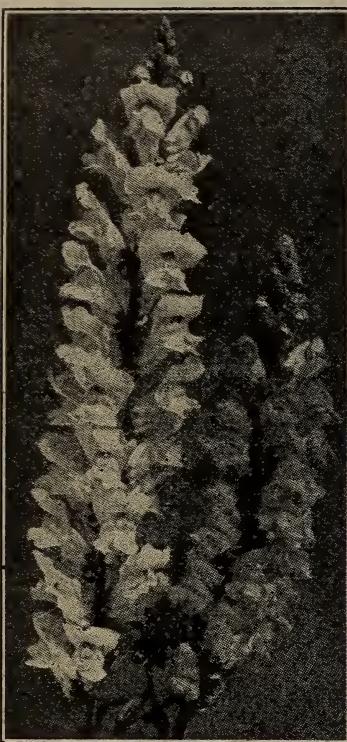
As soon as second leaves appear, plants should be transplanted to other boxes or open ground to permit hardy, stocky growth. Plants should be watered freely until firmly rooted.

In sowing seed in the open ground the same care should be taken, but the seed should be covered a little deeper. The earth should be made slightly firmer and never allowed to dry out or crust over until plants have appeared.



NEW JAPANESE

ALYSSUM.—Sweet. A hardy annual of quick growth, blooming from early spring until killed by frost. Much used for borders because of its compact growth. The flower is a dainty white and deliciously fragrant. Pkt. 5c.



ANTIRRHINUM

CANDYTUFT.—Giant Empress. This strain is of cranching habit and when fully grown is covered with pure white flowers. Pkt. 5c.

CANDYTUFT—Giant Flowering. The immense broad heads resemble the hyacinth in form and are excellent for cut flowers. Ours is a free flowering strain and among the most useful of the hardy annuals. Mixed. Pkt. 5c.

CANNA—Crozy's Dwarf. This is an everblooming, large flowering French strain and blooms freely the first year from seed. They are more beautiful for bedding than even the best Geraniums, the tropical foliage being surmounted by spikes of bloom in glowing colors. Our mixture is made up of the best new varieties. Pkt. 10c.

CANNA.—"Indian Shot Plant." This is a mixture including both the tall and dwarf varieties of this showy plant. Pkt. 5c.

CANTERBURY BELLS. An annual campanula entirely different in habit from the perennial sorts. The delicate flowers are colored purple and rose. Pkt. 5c.

CARNATION.—Dwarf Margaret. Our mixed colors strain will produce a large percentage of lovely, fragrant flowers. They are quite hardy, flowering four months from seed, and may be cut back and planted in pots for winter blooming in a cool room. With slight covering they will live out all winter. Pkt. 5c.

CATCHFLY. A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. Pkt. 5c.

ANTIRRHINUM or New Giant Snapdragon.. They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedlings bloom by mid-summer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors, from light pink to a gorgeous glowing scarlet. Pkt. 5c.

BACHELOR'S BUTTON. (Corn-flower.) Our mixture has been so perfected that fully 70 per cent of the flowers are double. This is among the most attractive of all hardy annuals and one of the most popular of the old fashioned flowers. Pkt. 5c.

BALLOON VINE. Remarkable for the inflated appearance of its seed pods, and sometimes called, "Love-in-a-puff." The flower is insignificant, but the plant is a rapid and graceful climber. Pkt. 5.

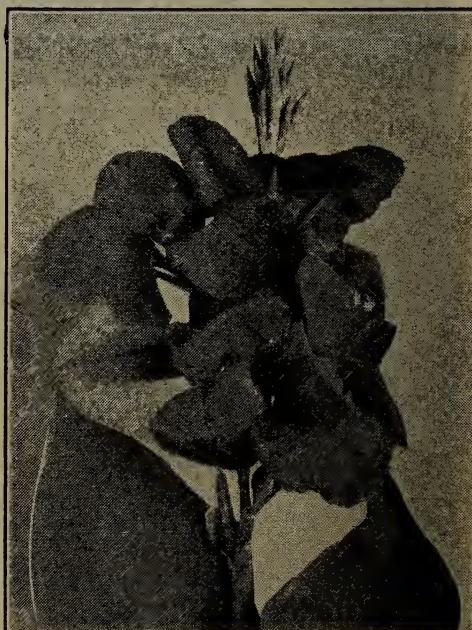
BALSAM.—Superb Camelia Flowered. The large sized, perfectly formed flowers closely resemble the Camelia. Most of the flowers are two inches in diameter, borne in wonderful profusion. Our mixture embraces all the choicest known varieties. Pkt. 5.

BEE BALM. Otherwise known as Rocky Mountain bee plant. A handsome native flower which does well under sandy and alkali conditions. Grows 2 to 4 feet tall and is covered with rose shaded bloom from July till fall. A great pasture for honey bees. Pkt. 5c.

CALENDULA—Pot Marigold. Also known as "Scotch Marigold." Free flowering plants of earliest culture, succeeding everywhere. The seed should be started indoors. Our strain is extremely showy with large double flowers of intense glowing colors. Pkt. 5c.

CALLIOPSIS—COREOPSIS. A showy and free-flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. Pkt. 5.

CANARY BIRD FLOWER. A beautiful climber with a charming little canary-colored blossom, bearing a slight resemblance to a bird with the wings half extended. Pkt. 5c.



CHRYSANTHEMUMS—French Marguerites. These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. Pkt. 5c.

COBOEA SCANDENS—Cathedral Bells. Very prolific and perfectly hardy; this is one of most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. Pkt. 5c.

CONVOLVULUS—Morning Glory. A fine mixture of the old fashioned, yet ever popular climber. Pkt. 5c; oz. 10c.

CONVOLVULUS—Japanese Morning Glory. The flowers are of gigantic size and in coloring range from snow-white to black purple. The plant will make a growth of 25 feet in a summer, and many of the heart-shaped leaves are marbled with silver, white and yellow. Pkt. 5c; oz. 15c.

COSMOS—Giants of California. Easily raised; the plants make large bushes, fully five feet high, covered in the fall with huge flowers closely resembling single Dahlias. Our mixture is of the finest types. Pkt. 5c.

CYPRESS VINE. A most beautiful climber, with dark green fern-like foliage and mass of beautiful star-shaped flowers. Pkt. 5c.

CYPRESS—Summer—Burning Bush. A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. Pkt. 5c.

DAHLIA—Cactus. We offer a mixed strain of this variety; the loosely formed flowers of which closely resemble the Chrysanthemum. Pkt. 5c.

DAHLIA—Double. This is a mixture of seed from all the best varieties. Pkt. 10c.

DAHLIA—French Collarette. An entirely new type of Single Dahlia which has produced a sensation wherever exhibited. Its peculiarity consists in a row of short petals around the disc, forming a frill of an entirely different color from the rest of the flower. Pkt. 5c.



DIANTHUS, CHINESE PINK



DAHLIAS

DAISY—Shasta. We offer the very cream of the whole Shasta Daisy collection. The semi-double pure white and lemon colored flowers are fluted, curled, lacinate and fringed. This is a hardy perennial and can be grown out of doors anywhere. The plants bloom for several months. The flowers are very large and graceful with three rows of pure white petals, averaging about four inches in diameter. Pkt. 15c.

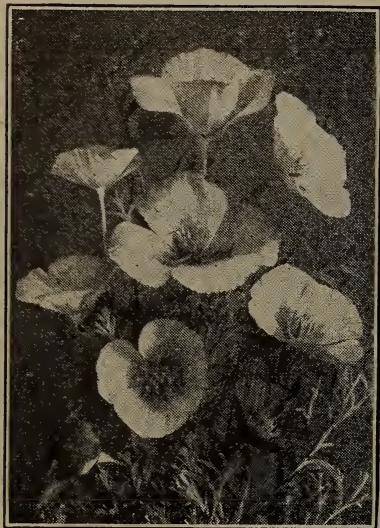
For Roots, See Page 68.

DOUBLE DAISY, MIXED COLORS, PKT. 5c.

DIANTHUS—Chinese Pink. Like its relative the Carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep, glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. Pkt. 5c.

DIGITALIS—Foxglove. Easily grown perennials attaining a height of from three to five feet, and producing long spikes of beautiful, tubular-shaped flowers. Pkt. 5c.

Do Not Forget the Flowers.



ESCHOLTZIA

HELIANTHUS — Chrysanthemum Flowered. The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. Pkt. 5c.

HELIANTHUS — Mammoth Russian Sunflower. This is the old fashioned heavy seed producer. Single heads measure from 12 to 22 inches across, and contain an immense quantity of seed valuable as a poultry and stock food. Pkt. 5c; 1b. 25c, postpaid. By express or freight, 1b. 15c; 10 lbs. \$1.45.

ESCHOLTZIA — California Poppy. Crimson, white and gold. A showy, free-flowering plant, of low spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. Pkt. 10c.

FORGET-ME-NOT. These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered they will live through the winter and will bear even more profusely the second spring than the first. Pkt. 5c.

GERANIUM. Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains.

Pkt. 10c.

GOURLDS — Ornamental. A valuable class of annual climbers. The growth is rapid and the foliage beautiful. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. Pkt. 5c.

HELIOTROPE. A universal favorite on account of its fragrance and beauty, few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. Pkt. 5c.

HOLLYHOCK — Prize Double. Tall, stately majestic; our strain of this old fashioned favorite cannot be improved upon. The colors range from pure white through the whole scale to black. This is a perennial and will not bloom the first year unless planted indoors in March. Our selection is perfectly double. Pkt. 5c.

HOLLYHOCK

For roots which will bloom the first year, see Page 68.

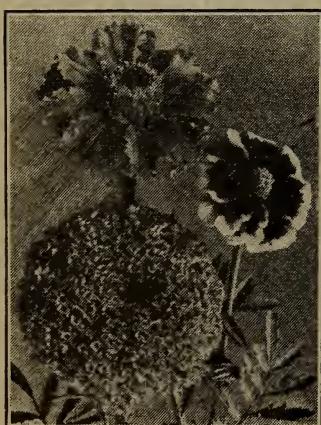
ICE PLANT. A trailing plant with singular icy foliage; most excellent for vases, hanging basket or rockwork. Pkt. 5c.

LARKSPUR. A quick-growing, free-flowering annual, producing stiffly erect spikes of beautiful blossoms, range in color from pure white to dark blue. Pkt. 5c.

MARIGOLD — The Eldorado. The plants grow 2½ feet high with large, double, imbricated flowers from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow and deep orange. Pkt. 5c.

MARIGOLD — French Mixed. A dwarf strain which forms ball-like bushes of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt. 5c.

MIGNONETTE — Machet. A well-known favorite. Our strain is adapted for pot culture as well as for outdoor planting. It is of dwarf pyramidal growth bearing numerous flower stalks. The blossoms are highly colored and very fragrant. Pkt. 5c.



MARIGOLD

WILL'S SUPERB TALL MIXED NASTURTIUMS

Our magnificent strain makes a strong growth of from five to six feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb, 35c; $\frac{1}{2}$ lb, 65c; lb, \$1.10.



VILL'S TALL MIXED NASTURTIUMS

ORCHID—FLOWERED. A distinct new strain of Pansies with delicate tints and soft shades of coloring. The ground color is nearly always in light shades. The petals are marked by large blotches which diffuse into rays or veins. Our selection is particularly free-flowering. Pkt. 10c.

PSYCHE. A most beautiful selection of the ruffled Masterpiece type. The ground color is pure white, but each petal is heavily blotched with velvety violet. Pkt. 10c.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show mixture, it comprises the best of several pansy specialists' choicest and most expensive strains. It is a mixture that will please everybody who enjoys pansies and can appreciate quality of color, shape and substance. Pkt. 5c.

We have used your seeds for a good many years and this speaks more for the satisfaction they give than anything else possible could. Rose Seeley-Miller, Ipswich, S. D.

The seeds I bought of you were just fine. I have the loveliest garden. Mrs. H. F. Smith, Selfridge, N. D.

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned out to ten inches apart in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt. 5c; oz. 15c; $\frac{1}{4}$ lb, 40c; $\frac{1}{2}$ lb, 75c; lb, \$1.40.

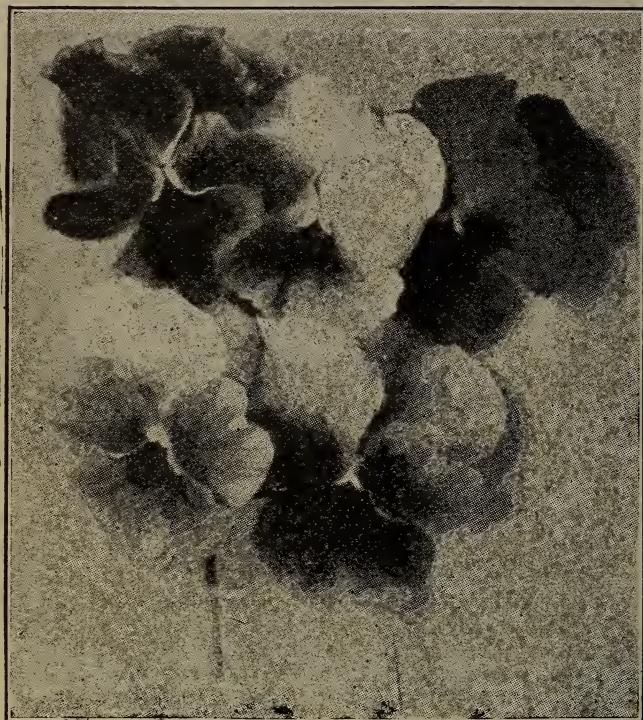
Pansies

Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

BRIDESMAID. This might well be called "Giant Apple Blossom," as descriptive of the delicate rose shading on a white ground. It is the most freely blooming of all the Giant Pansies. Pkt. 10c.

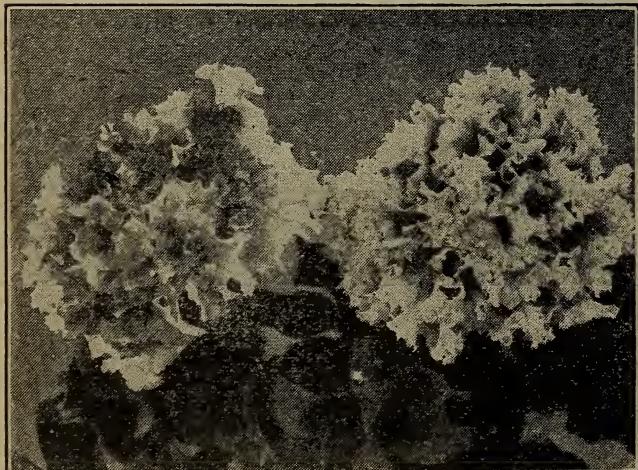
MASTERPIECE—Giant Ruffled. This strain comes nearer to double pansies than anything ever introduced under that name. The petals are crimped and curled in such fashion that the flowers appear double. The enormous flowers are mainly of dark shades, bordered or blotched with vividly contrasting colors. Pkt. 15c; 2 pkts. 25c.

WILL'S ROYAL SHOW PANSIES



WILL'S ROYAL SHOW PANSIES

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. Pkt. 5c.



PRIZE DOUBLE PETUNIA

We have spared neither care or expense in our efforts to make the Royal Show strain of pansies the best in cultivation. This mixture is made up of the best and choicest varieties grown by specialists in all parts of the world. The colorings and markings are diverse beyond belief. Pkt. 15c; 2 pkts. 25c.

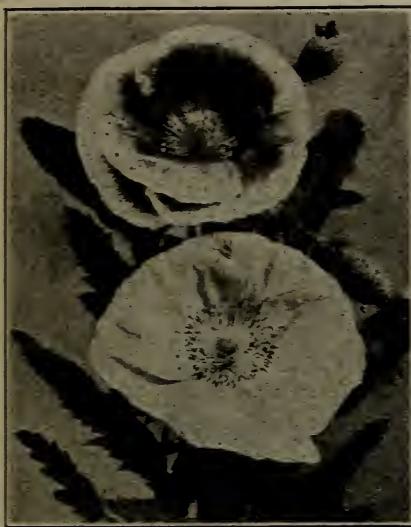
For Pansy Plants, See Page 64.

Petunias

The greatest care should be taken in planting petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

PRIZE DOUBLE — Giants of California. This is a mixture of the very best large-flowering Petunias. Our seed is picked from strong, carefully fertilized, double flowers. As only a small percentage comes double from seed, the intensely careful work required in harvesting the desirable seed makes our stock veritably "worth its weight in gold." The colors embrace every shade known in the Petunia and will well repay the grower. Pkt. 15c; 2 pkts. 25c.

I find your Emerald Lawn Mixture superior to any seed I have used heretofore. John Isakson, Fargo, N. D. Practical Landscaper.



SHIRLEY POPPY

SALPHIGLOSSIS—*Grandiflora*. “Velvet Flower.” A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. Pkt. 5c.

STOCK—Ten Weeks. New large-flowering globe pyramidal stock. The immense spikes of perfectly double flowers are borne in great profusion. They are of beautiful coloring, rich fragrance and excellent keeping quality. Pkt. 5c.

Choice Sweet Peas, Mixed and Single Colors.

A few Suggestions in Regard to Sweet Pea Culture.—The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.

FIERY CROSS. This wonderful novelty Spencer has all the appearance of live fire and is an entirely new shade in Sweet Peas. The standard is a scorching fire-red, which scintillates in the sunshine and radiates over the entire flower, lighting up the rich, cherry-orange wings. Unlike most of the scarlet varieties it does not scorch or burn even during periods of intense sunshine, and therefore can be grown on all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long stout stems. Pkt. 10c.

PHLOX—Drummondii Grandiflora. Of all summer flowering annuals Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture range in every conceivable shade and are most distinct and brilliant. Pkt. 5c.

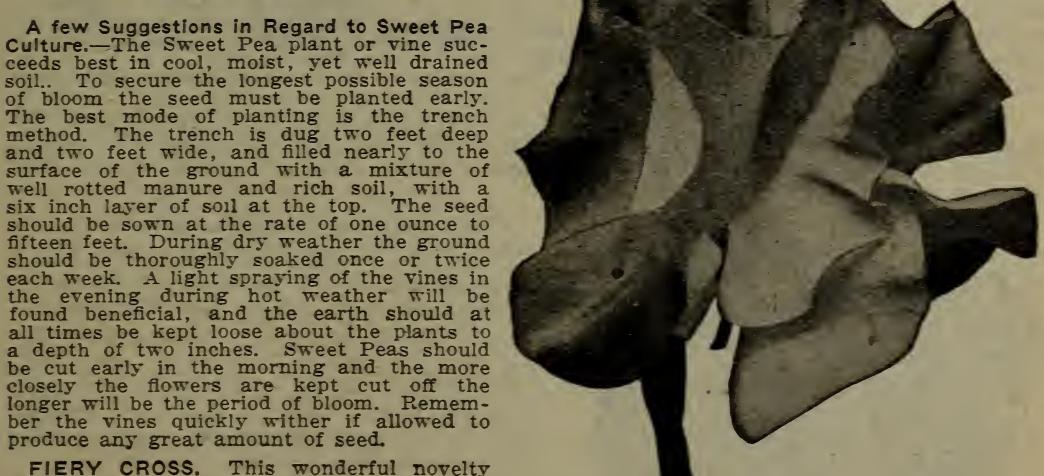
MIXED—CARNATION POPPY. This is the finest double and single mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt. 5c.

SHIRLEY POPPY. This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt. 5c.

PRIMROSE or PRIMULA—Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. Pkt. 5c.

PORTULACA—Moss Rose. Our offering is a mixture of the double, rose-flowered strains. These plants are dwarf in growth and spreading in habit. They are unexcelled for borders and will grow and bloom all summer in hot, dry locations where most other plants would soon die. Few flowers make a display of color as does a bed of Portulacas. Pkt. 5c.

STOCK—Ten Weeks. New large-flowering globe pyramidal stock. The immense spikes of perfectly double flowers are borne in great profusion. They are of beautiful coloring, rich fragrance and excellent keeping quality. Pkt. 5c.



FIERY CROSS SWEET PEA

Save This Catalogue for Cultural Directions.

CHOICEST OF ALL SWEET PEAS

KING EDWARD. (Spencer). This flower has a very large standard and the unusually large wings give it a truly gigantic appearance. The standard is a rich, sun-proof, carmine-scarlet. The faces of the wings are of the same brilliant hue, but on the reverse side are a rosy-carmine. Pkt. 10c; oz. 30c.

ILLUMINATOR. In color this variety is distinct and may best be described as a rich cerise-salmon. The flowers of this Spencer sorts are well placed on long, stout stems, and are uniformly large. The standard is bold, expanded and attractively waved. This sort was awarded a Certificate of Merit by the American Sweet Pea Society. Pkt. 10c; oz. 40c.

FLORENCE NIGHTINGALE (Spencer). The standard is unusually bold and measures two inches across. The color is a soft, rich lavender toned by a faint rose-pink. The large, well spread wings are frilled and well waved. This is a beautiful Sweet Pea for bunching. Pkt. 10c; oz. 35c.

MRS. SANKEY. (Spencer). This is a beautiful, free-flowering variety whose chief charm lies in its pure white colors. Pkt. 5; oz. 35c.

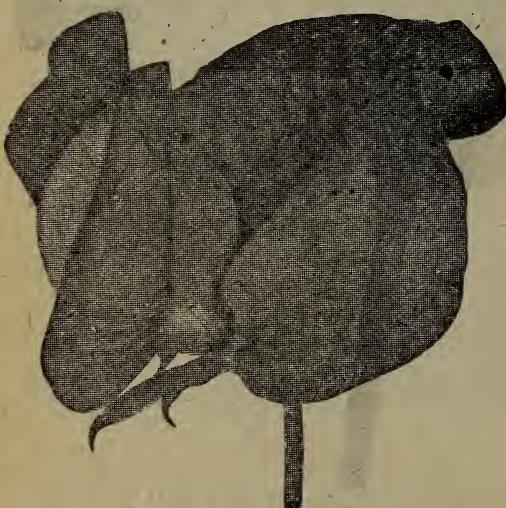
BURPEE'S PRIMROSE. (Spencer). The waved standard measures two inches across; the color is a rich creamy-yellow throughout. Pkt. 5c; oz. 35c.

WEDGEWOOD. This is a unique shade of light blue; of finest Spencer form and borne almost uniformly in four-flower sprays. Awarded certificate of merit by the Pennsylvania Horticultural Society. Pkt. 15c; oz. 45c.

ETHEL ROOSEVELT. (Spencer). This is a true waved variety of the largest and most perfect Spencer type. The ground color is a soft primrose, overlaid with dainty splashes of blush crimson, giving a richer tinting to the yellowish ground work. Pkt. 10c; oz. 35c.



KING EDWARD SWEET PEA



IRISH BELLE OR DREAM

CREAM-PINK DUPLEX. (Spencer). In color both the standard and wings are a rich cream-pink and practically all the plants give blooms with double and triple standards. On sprays of four blooms each the two lower flowers are double. Even the flowers which have only a single standard are magnificent. The beautiful lemon colored keel adds to the effectiveness of the flowers when bunched. Pkt. 10c; oz. 40c.

IRISH BELLE or DREAM. (Spencer). A superbly beautiful variety that shows quite a new shade in Sweet Peas. This coloring is uniform throughout the flower—a rich lilac, flushed with pink. The flowers are of large size and well placed on long stems. This variety is certified by the National Sweet Pea Society of America. Pkt. 5c; oz. 40c.

ORDER EARLY

IMPERIAL MIXED SWEET PEAS. If you want the finest mixed Sweet Peas ever grown you should give the Imperial Mixed a trial and be convinced of their wonderful beauty. In this mixture are "blended" all the best Spencer strains and the ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled and margined. Pkt. 5c; oz. 10c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb. 75c; lb. \$1.40 postpaid.



PEARL GRAY SWEET PEA

PEARL-GRAY. (Spencer). The flowers, borne in clusters of three and four, are of the largest size and uniformly true to the Spencer type, being well waved in both standard and wings. The color is a lovely and distinct shade best described as a pearl or dove-gray, suffused with light rose, and showing slightly more of the rose shading in the standard. Pkt. 10c; oz. 35c.

RAINBOW. (Spencer). In this novelty we have a distinct advance in the striped section. The flowers are very large and nicely placed, with wings coming well up in front of the standard. The ground color is an ivory white, flaked and lightly streaked with rose. Pkt. 10c; oz. 35.

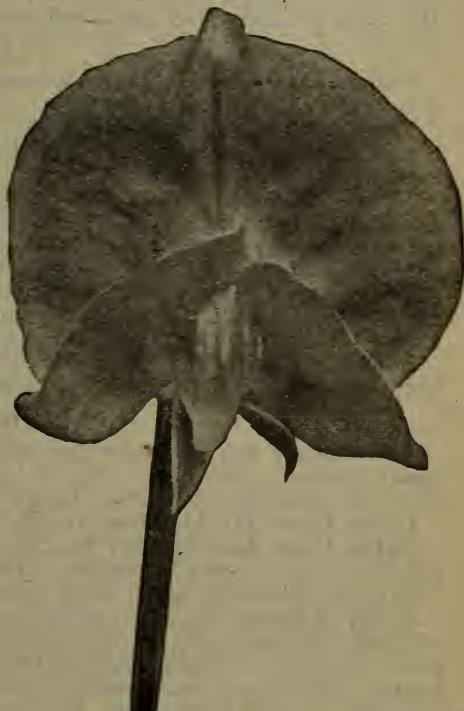
COUNTESS SPENCER HYBRIDS. This is the new orchid-flowering Sweet Pea. Both wings and standard are very large and its graceful form, together with its immense size, make it by far the most attractive variety in existence. There are five or six shades in this mixture but all are of the large flowering type. The colors are as follows: deep pink, light pink, ovid shade, orange pink, and white with light edging. This mixture has involved careful selection and we highly recommend it. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb., 90c.

SWEET WILLIAM. *Dianthus Barbatus*). These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt. 5c.

WILD CUCUMBER. This variety is unsurpassed for the rapid covering of unsightly objects. Its green leaves set off the pretty white flowers which are followed by bud-like fruits, beset with spines. It never suffers from the heat and will make stupendous growth under adverse conditions. If seed is planted in the spring, it should first be soaked in boiling water as the shell is very hard and seed will not otherwise germinate. Pkt. 5c; ob. 15c.

ZINNIA—New Fire Crimson. Ours is one of the most brilliant strains in cultivation and a great favorite. The blooms are of immense size and rival the Dahlia in beauty and color. Pkt. 5c.

VERBENA—HYBRIDA. Mixed from a superb collection of named varieties. The colors are rich and varied and embrace all the brighter shades, including the finest auricula-eyed types. Pkt. 5c.



RAINBOW SPENCER

Insecticides for Farm, Garden and Household

For Potato Bugs, Cabbage Worms, etc. Prices subject to market change.

All prices on this page by express or freight unless otherwise explicitly stated.

Paris Green. The old standby for potatoes, $\frac{1}{2}$ lb, 40c; 1 lb, 75c; 2 lbs, \$1.40. Large lots at 65c.

Bordeaux Mixture. Powder form, 1 lb, 40c; 5 lbs, \$1.75.

Arsenate of Calcium, Powder form. Very highly recommended for potatoes. 1 lb, 60c; 5 lbs, \$2.50.

Hammond's Slug Shot. One of our very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed below. By express or freight, 1 lb, 20c; 5 lb, pkg. 65c; 10 lb, \$1.00. By mail add your zone postage.

Bug Death. Another powder form insecticide, not only an enemy to cabbage worms, potato bugs and pests on nursery stock, but said also to be a stimulant to the growth of small fruit, etc. Non-poisonous to human beings and animals. By express or freight, 1 lb, 25c; 3 lb, pkg., 60c; 5 lb, pkg. 75c; 12 $\frac{1}{2}$ lb, pkg., \$1.50. Add your zone postage if desired by maid.

For Applying Powder Insecticides. The Dickey Duster. The only convenient and practical way to dust cabbages, potatoes, etc. Price postpaid, 50c.

Carco. For cut worms, plant lice, maggots on root crops including onions. The only thing for underground pests. Pint 40c.

Black Leaf 40. A tobacco preparation, especially for plants and nursery stock. An excellent aphis remedy. 1 oz. bottle (makes 6 gallons) 30c.

Sulpho—Tobacco Soap. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticides for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid 3 oz. cake, 14c; 8 oz. cake, 28c. By express or freight, 3 oz. cake, 10c; 8 oz. cake, 20c.

Fish or Whale Oil Soap. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smear on trees will prevent the ascent of worms. By express or freight, 1 lb, 15c; 2 lbs, 25c. By mail, add postage to your zone.

FERTILIZERS

Ground Limestone. We have several cars on hand and can ship out large lots promptly. 100 lb. sk., 50c; per ton, \$5.00.

Nitrac. The universal fertilizer for the lawn, flower and vegetable garden, for house plants or large tracts of land. By express or freight, 1 lb, 25c; 5 lbs, 75c; 10 lbs. sack, \$1.25; 25 lbs. sack, \$2.50.

Nitrate of Soda. The great nitrogen supplying fertilizer. By express or freight, 1 lb, 25c; 5 lbs, \$1.00; 10 lbs, \$1.25; 25 lbs, \$2.50.

Lawn Renewer. 10 lbs, 75; 25 lbs, \$1.25; 50 lbs, \$2.40; 100 lbs, \$4.50.

Sheep Manure. 10 lbs, 50c; 50 lbs, \$2.00; 100 lbs, \$3.50.

Red Snapper Plant Food. A wonderful rich and nutritious fertilizer for house plants and the small garden. Nitrogen and phosphates together. Send for descriptive circular. 10 oz. package, 25c; 2 lb. package, 50c.

Bowker's Plant Food. An odorless soluble fertilizer for pot plants. 4 oz. package, 15c; 12 ozs. 35c. If by mail add parcel post rate.

ALBERT LEA SPRAYERS.

We consider this the best line of sprayers procurable. Nos. 20 and 25 are for the small garden, stable, etc. No. 10 is an excellent knapsack outfit for more extensive work on potatoes, trees, etc. Large sizes quoted on request.

Utility Glass Jar Atomizer No. 20. Capacity one pint. By express or freight, 80c.

Utility Glass Jar Atomizer No. 25. Capacity one quart. Pump somewhat longer and stronger. By express or freight, price \$1.00.

For the Large Garden, Potato Patch, etc.

Utility Sprayer No. 10. Capacity 3 $\frac{1}{2}$ gallons. An extra high pressure sprayer adapted to spraying trees, potatoes, etc., and applying white wash, cold water paint, paris green, etc. Extra heavy galvanized iron or brass, equipped with shut off angle nozzle which may be lengthened out by adding ordinary gas pipe, none-clogging. Shipping weight, 10 pounds. By express or freight with galvanized tank, \$8.00. With brass tank, \$13.00.

FERTILIZE THE WAR GARDEN AND PRODUCE MORE!

PREPARED FOODS, POULTRY SUPPLIES, ETC.

All by express or freight unless otherwise explicitly stated. Prices subject to change.

Cracked Corn, Whole Corn, Ground Feed and other feeds always in stock. Write for prices.

Blatchford's Calf Meal. 25lb. sack, \$1.75; 50lb. sack, \$3.25; 100lb. sack, \$6.00.

Blatchford's Pig Meal. 25lb. sack, \$1.75; 50lb. sack, \$3.25; 100lb. sack, \$6.00.

Blatchford's Milk Mash. 25lb. sack, \$1.50.

Blatchford's Egg Mash. 25lb. sack, \$1.50.

Pioneer Scatch Feed. A balanced mixture of whole grain of several kinds. Per 100lbs, \$3.50.

Pioneer Baby Chick Food. For small chickens up to three weeks old. A carefully ground, mixed and screened feed. By express or freight, 5c per pound.

Pioneer Chick Food. To be fed the baby chick until whole grain can be taken. By express or freight, 4c per pound.

Sunflower, Hemp and Canary. For poultry, parrots and song birds. By express or freight, 15c per pound.

Alfalfa Meal. By express or freight, 10lbs, 50c; 25lbs, \$1.20; 100lbs, \$4.00.

Charcoal. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal, 10lbs, 75c; 100lbs. sack, \$5.00.

Crushed Oyster Shell. Hard to procure and price is uncertain. Write for latest quotations.

Mica Crystal Grits. By express or freight, 100lbs, \$1.50.

Glass Jar Drinking Fountains. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Two sizes. Price, postpaid. Qt. size, 25c; 2 qt. 35c.

Champion Leg Bands. Numbered from 1 to 100. Price postpaid, 25 set, 35c; 100 set, \$1.00. Can also furnish colored celluloid bands at 20c per doz. Postpaid.

The Lawn Park Coop. A light sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, \$3.75 each.

Success With Hens. Published by Forbes & Co., Chicago. The best book on poultry raising. Price \$1.00 postpaid.

Buckeye Incubators and Brooders. Write for prices and descriptive lists. We have on hand No. 14 incubator at \$12.00, No. 15 at and \$16.50, No. 60 at \$19.50 and No. 1 at \$27.50; brooders, No. 18 at \$19.00.



TOOLS AND IMPLEMENTS

The Cyclone Seed Sower. Is the greatest labor and seed saving invention of the age. Its working principles are a marvel of simplicity. The machine is so simple in construction and so perfect in operation that even a boy can operate it.

It will sow Clover, Timothy, Wheat, Oats, Rye, Buckwheat, Hungarian Red Top, Turnip, Millet, Alfalfa, Corn, Cotton and all other farm seeds perfectly even and in any desired amount to the acre, and from thirty to sixty acres per day, full instructions and directions on every machine. Price, each, \$1.50, postpaid. By express, \$1.30.

Perfection Garden Seeder. Just the tool the small gardener has been long looking for. Sows all kinds of small garden and flower seeds. Easily regulated. Weight, 1½ pounds. By express or freight, \$2.00. Postpaid, \$2.25.

Acme Potato Planter. All steel with basket tube to drop into. Price \$2.50 each. By express or freight.

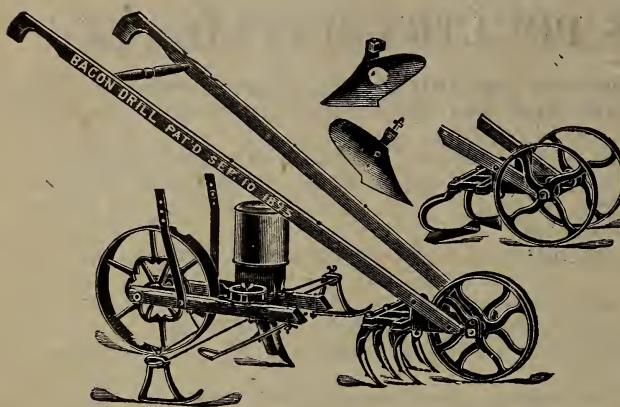


Triumph Hand Corn Planter. Plants one to five kernels per hill as desired. Price \$1.75, by express or freight.

Lang's Hand Weeder. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.25 per doz.

I was very well pleased with the seeds I bought of you last year and can recommend them greatly. We had a very dry year last year but the seeds came up and yielded exceedingly well under the circumstances of the season.

Mrs. Helen A. Gittens, Turner, Mont.



DRILLS AND CULTIVATORS

The Bacon No. 12. Equipped with parts to transform it from a drill and hill dropper into either a single or double wheel hoe. Will seed any size seed regularly and evenly, and is especially good in sowing such seed as beet, parsnip, carrot, etc. An ingeniously devised force feed which does not injure the seed. A sturdy, substantial machine for the gardener. Hill dropper for 9, 12, 18 and 36 inch distances. Can be made into either the No. 3 or 4 cultivators, with five teeth, two hoes and right plow.

This gives full garden equipment for seeding, cultivating both sides of a row and between rows. The change from drill to cultivator is very easily and quickly made. Price complete, boxed, by express or freight, \$13.00.

Bacon Cultivator No. 3. A single wheel machine with five teeth. By express or freight, boxed, \$5.50.

Bacon Cultivator No. 4. Single or double wheel machine with five teeth, 2 hoes and right plow. By express or freight, boxed, \$6.00.

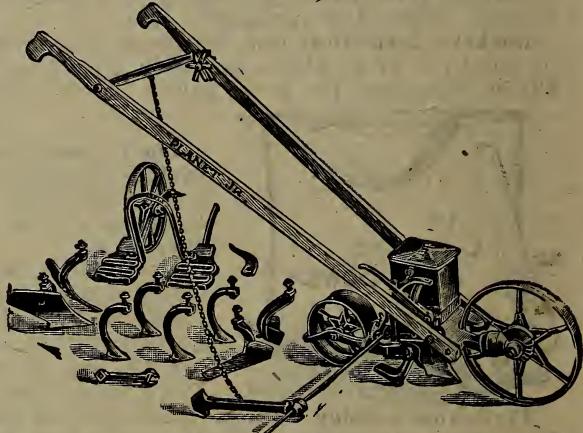
No. 25 Planet Jr. Hill and Drill Seeder. Double Wheel Hoe, Cultivator and Plow. A combination of the Planet Jr. No. 4 seeder and No. 12 two wheel cultivator. Equipped

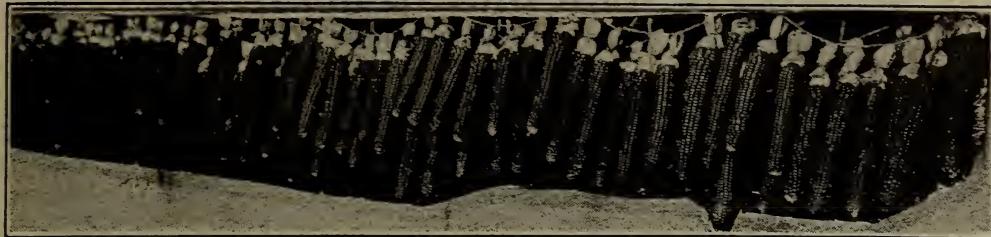
with one pair 6-inch hoes, two pairs teeth, two plows and two leaf guards. Sows in drills of any thickness or in drills 4, 6, 8, 12 or 24 inches apart. Thoroughly substantial and accurate in planting all kinds of seed. Seed hopper holds 2 1-2 quarts. Quick shut-off and very simple regulator for fixing the rate of sowing. As a cultivator, can be used for hoeing, stirring, furrowing or hillling, either astride the row or between rows. Price, boxed, by freight or express, \$23.00.

No. 4 Planet Jr. Seeder... Same as No. 25, but with no cultivator attachment. Price, boxed, by express or freight, \$19.00.

No. 17 Planet Jr. Single Wheel Hoe and Cultivator. Equipped with two 6-inch hoes, a plow and 4 teeth. Extra tools can be purchased for use on it. Price, boxed, by express or freight, \$8.50.

No. 12 Planet Jr. Single and Double Wheel Cultivator. Combines the No. 17 with a two wheel machine. Price, boxed, by express or freight, \$12.00.





A Few Words About Corn for the Northwest and Our Cover Picture

Almost two hundred years ago, in 1738, a Frenchman, Verendrye, first saw the Missouri River in what is now North Dakota. There he found the Mandan Indians living in villages such as the one shown on our catalog cover, and raising beans, squashes, sunflower and CORN in large quantities. The Mandans with their neighbors, the Hidatsa and Arikara, all of whom now live on the Ft. Berthold Reservation in North Dakota, were the Pioneer Agriculturists of the Northwest. Had more attention been paid to the varieties they had developed much faster progress in corn growing would have been made by the settlers in the Northwestern states.

Thirty-eight years ago Oscar H. Will came to the Northwest, and very soon after coming heard of the native Indian agriculture. He at once procured corn from the Ft. Berthold Reservation, and soon afterwards some of the beans. Since that date our firm has been especially interested in adapting and breeding from these original native products, and results have shown that we undertook a very valuable line of work.

Every year makes it more evident that CORN IS ONE OF THE MOST PROFITABLE CROPS FOR THE NORTHWEST if the proper varieties are planted. Whether corn is "hogged off" or cut and shredded, the profit per acre is as high as with small grains, and the crop surer. This does not take into account the added value to the land, which at least pays cultivating costs.

Dry or wet, cold or hot, almost every season demonstrates that the native acclimated varieties are the only ones safe and sure for the Northwest. The native flints, to quote from Montana Agricultural College Bulletin No. 107, "will stand more hardship in the way of drought, hot winds and poor cultivation than any other sort." In official government experiments it was found that 408 pounds of water is required to produce one pound of dry matter for Iowa Silvermine Corn, 377 pounds of water for Northwestern Dent Corn and only 342 pounds for Gehu and Dakota corn.

GENUINE MANDAN INDIAN CORN.

We have a limited quantity of Mandan white flour corn grown by us from seed obtained from the Indians. This is one of the pure varieties developed by the Indians themselves. Pkt. 5c, 1 lb. 50c postpaid. No larger quantity sold.

NEW VARIETIES.

We are constantly selecting and working out new varieties of corn, with the native types for parent stock. Last year we sold limited quantities of two new kinds, and we shall greatly appreciate reports upon them from those who have given them a trial. By next year we hope to offer one or two more new crosses.

To those especially interested in the Indian Agriculture mentioned above, we can offer a book on the subject. "Corn Among the Indians of the Upper Missouri." This sells at \$1.50, and we shall be glad to send it as a premium with every seed corn order of \$30.00 or more.

WILL'S PIONEER BRAND SEED CORN

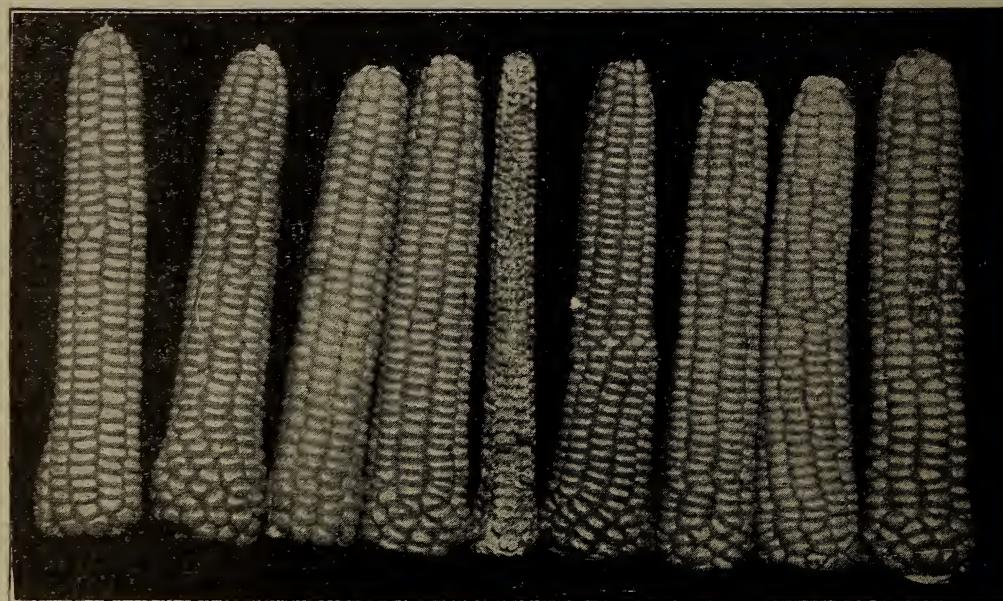
MISSOURI VALLEY GROWN IN NORTH DAKOTA.

Prices of Seed Corn and Seed Grain are Subject to Change Without Notice.
ABOUT OUR SEED CORN.

We select our own seed and supervise the raising of the seed corn which we sell. We dry it carefully; sort it by hand, sometimes picking it over two or three times, and shell it and grade it with the very best machines for this work. Corn grown in the Missouri Valley section of North Dakota is naturally cured. No fire drying is necessary. Every lot of corn is tested after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. We are always willing to have any corn not as represented returned by customers, as it is our aim to send out only the best. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods.

We cannot too strongly urge that every purchaser make his own test of seed grain and corn no matter where he gets it.

GENUINE DAKOTA WHITE FLINT CORN

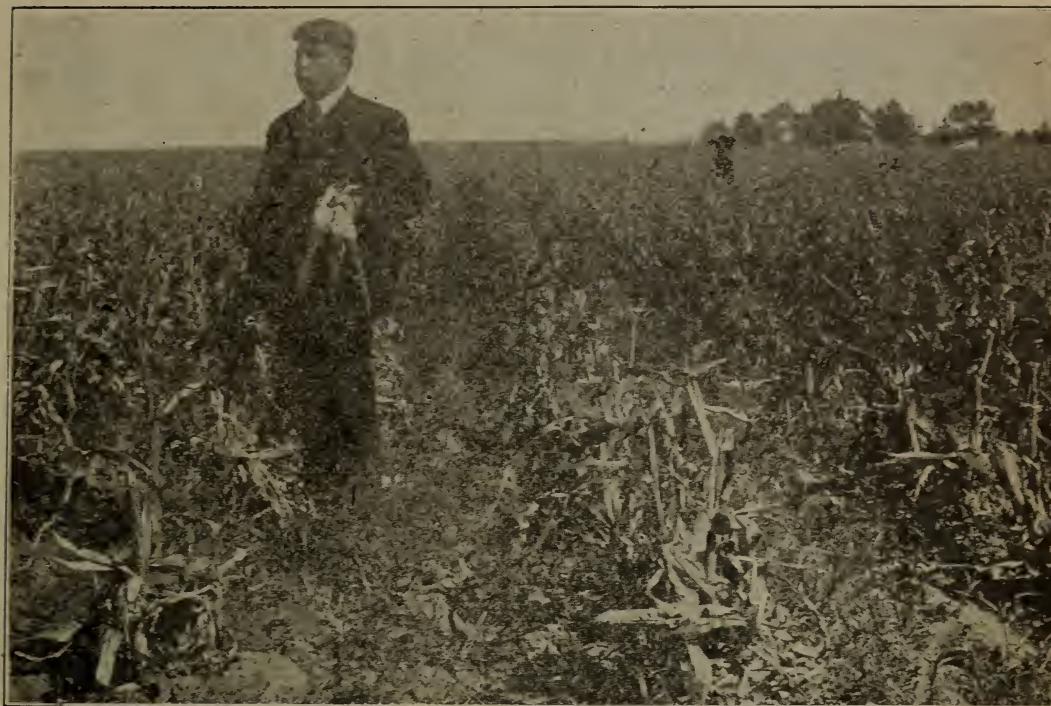


This Dakota White Flint was the first variety bred by Oscar H. Will from the native Indian corn.

It is pure pearly white in color, the ears have from 8 to 10 rows, length of ear from 6 to 10 inches, sometimes longer; cob is slender and white; kernels broad and blocky. A large number of ears are borne to the hill which is a mass of leaves and fine stalks. The ears are from 4 to 12 inches from the ground, depending on the season, and the height of the plant from 3 1-2 to 5 ft. Matures corn with a very small amount of moisture and withstands hail storms and frost better than any other sort.

Prices, Pkt. 5c; lb, 25c postpaid. By express or freight, 10lbs, \$1.25; $\frac{1}{2}$ bu. \$2.75; bu. \$5.00; 100lbs, \$8.90.

Canadian Special Hospital, Lenham, Kent, England.
There is no question or reason why your quick maturing corn will not mature here every season. I feel sure that these varieties of your introduction would, if planted widely enough go far to increase the cereal and meat production of the British Isles and perhaps northern France. Trusting I may be in a position to plant some of your seeds in the near future, since I am on the firing line scrap heap, and wishing your further success in your great work in the Northwest.—PTE. L. D. HAWLEY, 54th Canadian.



OSCAR H. WILL IN FIELD OF WILL'S GEHU CORN
(Courtesy U. S. Dept. of Agriculture.)

WILL'S GEHU

THE CORN WHICH MAKES CORN UNDER ANY AND ALL CONDITIONS

Gehu is a bybrid from the Dakota and Mercer Flint varieties. It cannot be mistaken for any other sort as the distinction is marked in that, being a cross between a deep yellow and a pure white corn, the color is a rich, light golden yellow. The yields vary from 35 to 75 bushels per acre in different localities; the height of stalks also varies in different soils, growing from five to seven feet, with ears well up from the ground. Matures in a fair corn year in from 60 to 70 days. Will mature a good crop anywhere, where two months of summer weather are assured. Read what growers have to say of it.

We are very well pleased with the Will's Gehu Flint corn which we got of you last spring. We are raising this corn at an elevation of 6,280 feet. I want to put in five acres next spring. H. H. Piester, P. M. Twin Bridges, Mont.

We used Gehu last year and raised about sixty bushels per acre here in the mountains. Amon Yeager, Grimes Pass, Idaho.

I got ten pounds of Gehu yellow flint of you in 1914 and it matured and made thirty bushels to the acre after eating off it every day for six weeks. It is a fine table corn, and I found all the other seed just as you said they were.—Isaac N. Floyd, Cleiv, Teton Co., Mont.

The White Flint and Gehu corn did excellently, and comments on my fields were numerous. And also on our garden. We had a very dry season, yet we had and still have plenty of everything in the garden line.—E. T. Stoltz, Greencreek, Idaho.

Prices: Pkt. 5c; -lb. 25c, postpaid. By express or freight, 10lbs. \$1.25; $\frac{1}{2}$ bushel \$2.75; bu. \$5.00; 100lbs. \$8.45.

BURLEIGH COUNTY MIXED CORN

History:—From the Montana Experiment Station Bulletin No. 107.—This corn is the improved mixed corn from the Mandan Indian origin. At the time of the first settlement of Burleigh county, North Dakota, the farmers secured seed corn from the Indians, which some of them have been raising ever since. This corn was catalogued by Mr. Will in 1887. It is of many colors and is simply a selected mixed Indian corn of quite high yield and good quality.

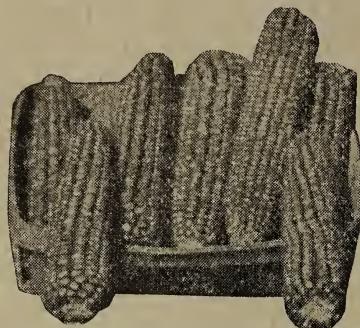
This corn is a mixture, and is a splendid corn in every respect. It is unexcelled for "hogging off," and an exceptionally heavy yielder as are all mixed strains. Hardy, drouth resistant and very early. Pkt. 5c; 1 lb. 25c. postpaid. By express or freight, 10 lbs. \$1.00; $\frac{1}{2}$ bu. \$2.25; bu. \$4.00; 100lbs. \$7.10.

Your seed corn last year was perfect.—Arthur J. Wanke, McRae, Mont.

WILL'S SQUARE DEAL DENT CORN

Earliest Yellow Dent Corn on Earth

Ten days earlier than Minnesota No. 13, and as good a yielder



SQUARE DEAL DENT CORN

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other sort. Pkg. 5c; lb, 30c, postpaid. By express or freight 10lbs, \$1.50; $\frac{1}{2}$ bu. \$3.00; bu. \$5.00; 100lbs, \$8.90.

MANDAN KING

One of our new introductions last year.

This corn is the best selection from a cross made five years ago between the soft yellow corn from the Mandan Indians of this state, and the King Philip corn, the Mandan corn bearing the ears. The color varies from yellow to bright red and the ears are long like the King Philip. The growth is vigorous, the stalk very bushy and leafy, and a very large number of ears are produced at a height of from 10 to 20 inches.

Mandan King is about a week to ten days later than Gehu, thus making an excellent silage corn of the flint type which is earlier than the late flints commonly used, and is sure to ripen. It also inherits the hardy characteristics of our native North Dokta Corn. Pkg. 5c; lb, 35c, postpaid. By express or freight, 10lbs, \$2.00; $\frac{1}{2}$ bu. \$3.00; bu. \$5.50.

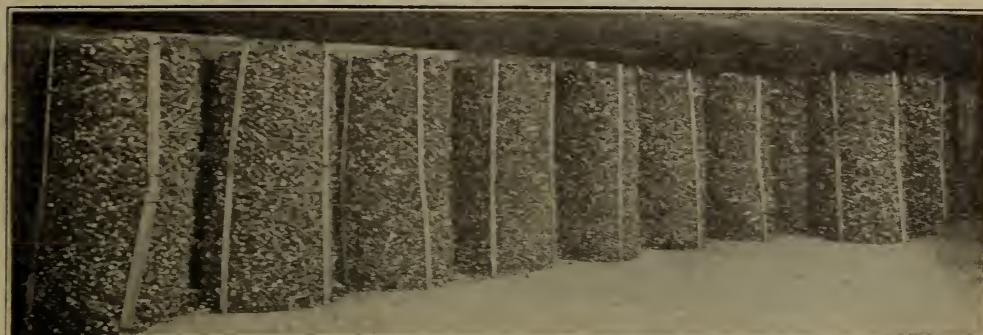
DESERT CHIEF

This second introduction of which we have again only a very limited supply is the result of selection from another cross made four years ago. This was a cross made upon the Gehu with a very drought resistant corn from the Arizona Desert, the Navajo Indian Sacred Corn. The Sacred Corn is a flour corn, white with black spots and the cross is mostly yellow with black spots or blotches which do not occur regularly as in the parent, making the cross appear as much more or a mixture than it is.

This corn grows from 5 to 7 feet high, ears from 10 to 20 inches from the ground. 12 to 16 rowed, and unusually large. A cross between two hardy and drought resistant varieties, and unusually well adapted to a sandy soil. Matures in 80 days. Pkt. 5c; lb. 35c, postpaid. By express or freight, 10lbs. \$2.00; $\frac{1}{2}$ bu. \$3.50; bu. \$6.50.



MANDAN KING



WILL'S NORTHWESTERN DENT CORN IN OUR DRYING CRIBS

WILL'S NORTHWESTERN DENT CORN

The Hardest Dent Corn on Earth.

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value.

THE ONLY SAFE PLAN THEREFORE IS TO BUY WILL'S ORIGINAL NORTHWESTERN DENT FROM OSCAR H. WILL & CO.

Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Pkt. 5c; 1lb, 30c, postpaid. By express or freight, 10lbs. \$1.50; $\frac{1}{2}$ bu. \$2.75; bu. \$5.00; 100lbs. \$8.90.

FALCONER CORN.

This is a splendid corn which we sold to some customers last year. It is a selection made by Mr. Angus Falconer from a local mixed corn, known as Beal corn, a cross between an early native flint and an unknown dent. The selection is practically a yellow semi-dent though not quite pure yet. It is very early, a tremendous yielder and produces plenty of excellent fodder. It is unusually hardy and drought resistant, producing much larger crops on the average than the regular dent sorts. Pkt. 5c; 1lb, 25c, postpaid. By express or freight, 10lbs, \$1.25; $\frac{1}{2}$ bu. \$2.25; bu. \$4.00; 100 lbs, \$7.00.

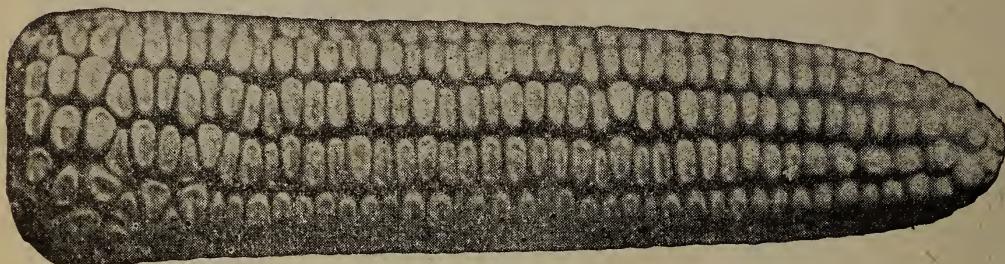
MINNESOTA NO. 13 CORN

This is a medium early yellow dent that has proven very satisfactory in Minnesota and southeastern North Dakota, as well as in certain irrigated sections of southern Montana whence our seed stock comes. For most of North Dakota and Montana it is not a safe variety to plant for mature corn, but is excellent as a silage sort.

The ears are of handsome appearance, bearing 16 to 20 rows of bright, rich yellow smooth wedge-shaped kernels, packed closely on the cob from butt to tip. The ears average eight inches in length and are borne usually two on a stalk; matures in ninety days when planted in favorable soil and in a good location, but ninety-five to one hundred days places it out of danger under average conditions. The stalks grow to a height of seven feet, and being leafy, make excellent and very nutritious fodder. Pkt. 5c; 1lb, 25c, postpaid. By express or freight, 10lbs, \$1.50 $\frac{1}{2}$ bu. \$2.75; 1 bu. \$5.00; 100lbs, \$8.90.

ORDER EARLY

PIONEER WHITE DENT CORN



THE BEST DENT CORN FOR THE NORTHWEST

After careful observation we have come to the decision that the Pioneer Dent is by all odds the best dent variety of corn for the Northwest. It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. Pkt. 5c; 1lb. 30c, postpaid. By express or freight, 10lbs. \$1.00; $\frac{1}{2}$ bu. \$2.50; bu. \$4.75; 100lbs. \$8.45.



ACME FODDER CORN DRILLED IN

ACME FODDER CORN.

Acme Fodder is a mixture composed of "off type" dent varieties taken out in sorting, of varieties of which we have a surplus, or of some of the locally grown mixed dents. For silage purposes it is unbeatable, as a mixture of this kind is always a heavier produced than a straight variety, and the Acme is early enough to give you just the right quality at the right season. 1b. 25c, postpaid. By express or freight, $\frac{1}{2}$ bu. \$2.00; bu. \$3.50; 100 lbs, \$6.25.

4 X FODDER CORN

The 4 X is, we consider, the very best procurable for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to $\frac{1}{2}$ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about 2 $\frac{1}{2}$ bu. 1b. 25c, postpaid. By express or freight, 10lbs. 75c; $\frac{1}{2}$ bu. \$1.25; bu. \$2.25; 100lbs, \$4.00. Write for prices on larger quantities.

WILL'S CLEAN TESTED SEED GRAINS

WE HOLD LICENSE NO. 11748 FROM THE UNITED STATES FOOD ADMINISTRATION

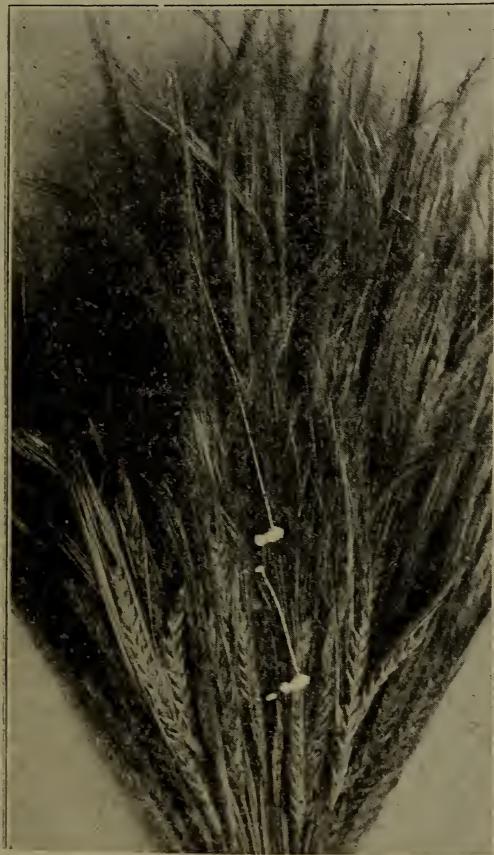
All prices include sacks. Remember this—it means a difference of at least 30c per bu.

All seed grain subject to change without notice.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Some of them have been grown for us on contract and others have been bought only after careful examination. The dry season has cut down the supply of many things, but we are doing our best to fulfill all demands.

NOTICE.

We are marking our germination and purity tests on bulk shipments of seed grains and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood however that they are only for customer's guidance and are not a guarantee. Always make your own tests if possible.



SWAN NECK BARLEY

Black Hulless Barley. This is a six-row, bearded barley, which threshes out of the hull like wheat. It is valueless for malting, but a very good feed grain, especially if ground. An early sort, and a very good yielder. No better pig feed can be grown. 1lb, 25c, postpaid. By express or freight, 10lbs, 50c; 25lbs, \$1.00; 50lbs, \$1.75; 100lbs, \$3.25.

White Hulless Barley. This is similar to the black hulless, except for the color, and the fact that it is beardless. Early and a good yielder; the grain weighs as much or more per bushel than does wheat. May also be planted for hay. Sow 90 to 100 pounds to the acre for grain. 120 pounds for hay. 1lb, 25c, postpaid. By express or freight, 10lbs, 60c; 25lbs, \$1.20; 50lbs, \$2.00; 100lbs, \$3.50.

Success Beardless Barley. Valuable both for its extreme earliness and for the lack of beard. Will produce a crop long before other feed grain giving a valuable early feed when feed is at the highest. Is also especially useful for hogging off and safer for the hogs than the hard bearded sort. 1lb, 20c, postpaid. By express or freight, 10lbs; 50c; 1/2 bu. \$1.00; 1 bu. \$1.75; 100lbs, \$3.60.

PIONEER BRAND SEED BARLEY

Sow 1 1/2 to 2 1/2 bushels per acre.

SWAN NECK BARLEY

This is a two rowed barley recently introduced which has demonstrated its superiority over the six row varieties in its adaptation to the Northwest, and in its hardiness. It has consistently out-yielded other sorts in the drier sections of the state and is a superior grain owing to its plumpness. It commands a premium of five to eight cents in the central markets. Our seed was grown on contract this year to insure purity, and it gave a very heavy yield in spite of the unfavorable season. The name is derived from an odd kink or bend to the stem just below the head. 1lb, 20c postpaid. By express or freight, 10lbs, 50c; 1/2 bu. 90c; bu. \$1.60; 100lbs. \$3.30. Write for prices on large lots.

ODERBRUCKER BARLEY

This is a standard six-rowed variety of the best type. Stiff-strawed, high yielding, especially in the section of heavier rainfall. A bearded sort. 1lb, postpaid, 20c. By express or freight, 10lbs, 40c; 1/2 bu. 70c; 1 bu. \$1.30; 100lbs, \$2.70. Write for prices on large lots.



SUCCESS BEARLESS

Pioneer Brand Seed Oats

Sow 1 to $2\frac{1}{2}$ bushels per acre.

Grain and Grass Seed prices subject to change without notice

EARLY MOUNTAIN OATS. Strain No. 2. The Early Mountain oats are becoming too well known to need a long description. At both the Williston and Dickinson Sub-Stations they have demonstrated their worth, showing through a number of years a decided superiority over other sorts. So well did they show up at Dickinson that they were singled out for work in selection and breeding. This work produced the Dickinson Sub-Station No. 2 Early Mountain, which is the strain that we are now growing altogether. Our seed is grown for us on contract. 1b. 20c, postpaid. By express or freight 10lbs. 60c; $\frac{1}{2}$ bu. 90c; bu. \$1.50; 4 bu. sack \$5.50; 100lbs., \$4.30.

Swedish Select. The Swedish Select Oats are by far the most popular grown at the present time. They are a heavy grown yielder, a quality due largely to the fact that the oats come in clusters of three kernels on a stem, and are hardy and resistant to adverse weather condition, and especially drought resistant. Swedish Select is an early variety, but produces a large plump kernel and a tall growth of straw. Northwestern grown seed oats are generally considered the most desirable, and good seed oats of the past dry season are of especial value. 1lb. 20c, postpaid. By express or freight, 10 lbs. 40c; $\frac{1}{2}$ bu. 70c; bu. \$1.30. In lots of 4 bus. or more, \$1.20 per bu.; 100 lbs., \$3.75.

Sixty Day. This is the earliest oats known, and is especially valuable where wild oats are bad, as it ripens before them. Kernels are small, hull, very thin, and yellowish white in color, and of good feed quality. A very fair yielder. 1 lb. 20c postpaid. By express or freight, 10 lbs. 40c; $\frac{1}{2}$ bu. 70c; 1 bu. \$1.30; 4 bu. or more at \$1.25 per bu.; 100 lbs., \$4.00.

WHITE RUSSIAN. This is the best late oat grown, and our strain which has been grown in this vicinity for many years is absolutely acclimated. White Russian Oats are almost perfectly rust resistant and are heavy yielders. 1 lb. 20c, postpaid. By express or freight, 10 lbs. 40c; $\frac{1}{2}$ bu. 70c; 1 bu. \$1.35; 100 lbs., \$4.00; 4 bu. or more at \$1.25 per bushel.



EARLY MOUNTAIN OATS

Pioneer Brand Seed Flax

Prices include sacks.

Flax prices are subject to change, both up and down. If you wish a quantity, write for prices.

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre.

WILT RESISTANT SEED FLAX. There are several varieties of resistant flax which seem about equally valuable and which are equally popular. The best are N. D. No. 52, N. D. No. 73, N. D. No. 114 and Premost or Minn. No. 25. We expect to be able to furnish at least one of these varieties and perhaps all of them during the coming season. In ordering state whether you will take any one of the three or want only the special kind ordered. 1lb., postpaid, 30c. By express or freight, 10lbs. \$1.25; $\frac{1}{2}$ bu. \$2.75; bu. \$5.25.

CHOICE CLEAN FLAX SEED. While we have found the handling of common seed flax unprofitable in past years, still we have a good deal of call for it. Therefore in view of the nation's need for flax and its products we consider it our duty to carry the seed this year. Samples sent on request. 10lbs. \$1.00; $\frac{1}{2}$ bu. \$2.50; bu. \$4.50, by express or freight.

PIONEER BRAND SEED WHEAT

Prices Include Sacks



D5 DURUM WHEAT
wheat curls up and quits. 1lb. 25c, postpaid. By express or freight, 1 bu. \$2.75; 5 bu. or more @ \$2.65.

MARQUIS SPRING WHEAT. Marquis is now so well known as to need no description. We wish to say, however, that in spite of the unfavorable season, we have the finest Marquis seed wheat we have ever seen. The field went 25 bushels to the acre, and the seed is plump, of fine color and good germination. 1lb. 25c, postpaid. By express or freight, 1 bu. \$2.75; 5 bu. or more @ \$2.60.

BLUE STEM WHEAT NO. 169. Somewhat later than Marquis, but a heavy yielder and a valuable sort on heavy well watered land. By express or freight, 1 bu. \$2.75; 5 bu. at \$2.65.

WINTER WHEAT. We expect to carry a stock of winter seed wheat for next fall's planting. Write for our fall price list in July or August. In it you will find both winter wheat and rye.



SILVER HULL BUCKWHEAT

JAPANESE. This is a larger seeded variety, does better on the lightest soils, and is about a week earlier. Does not yield quite as heavily nor is the seed of as good quality for milling purposes as the Silver Hull. 1lb. 20c, postpaid. By express or freight, 10lbs. \$1.00; 25lbs. \$2.00; 50lbs. \$3.75; 100lbs. \$7.00.

D5—RUST RESISTANT DURUM WHEAT. This variety has been developed at the North Dakota Experiment Station as almost a rust proof sort. Our seed is certified and of excellent quality. A dark amber in color, plump and hard with grains slightly smaller and shorter than most durum sorts. Very easily distinguished from other durums. An exceptionally good yielder under trying conditions during the past very dry season. 1lb. 30c, postpaid. 10 lbs. \$1.00; 1/2 bu. \$1.75; bu. \$3.00.

DURUM OR MACARONI SPRING WHEAT. The past year has been a triumph for Durum Wheats. Everywhere in the dry districts they have heavily outyielded the other wheats and have demonstrated that on light soil, under severe conditions they are infinitely superior. The Durum is a heavy yielder under fair conditions and a good yielder under very unfavorable circumstances when other

SPELTZ OR EMMER

Sow 1 1/2 to 2 1/2 bushels per acre. Once again Speltz has demonstrated its worth as a sure feed producer under very adverse conditions. It is our most drought resistant feeding grain, and no farmer should be without a field of it as feed insurance. Is readily eaten by all kinds of stock and has shown itself to be especially adapted to feeding milch cows. As a swine feed it is better than any other grain except corn. Horses do well on it. Its most striking value is found in the fact of its drought resisting qualities. Price by express or freight, 10lbs. 50c; 1/2 bu. 90c; 1 bu. (40 pounds) \$1.50; per 100lbs. \$3.50. Ask for prices on large lots.

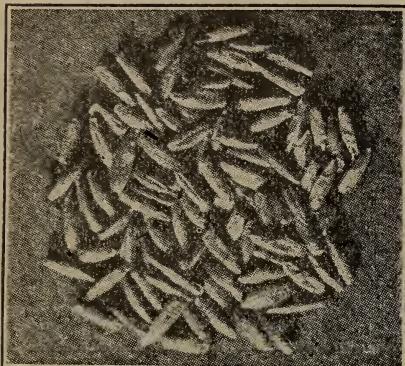
PIONEER BRAND BUCKWHEAT

Sow 1/2 to 1 bushel per acre. **SILVER HULL.** Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain. Silver Hull is the very best variety grown. 1lb. 20c, postpaid. By express or freight, 10 lbs. \$1.00; 25lbs. \$2.00; 50lbs. \$3.75; 100lbs. \$7.00.

The Early Mountain oats recommended by you did fine, and fully matured. Altitude 6650 feet.—J. A. RIGHENOUR, Lake, Idaho.

PIONEER BRAND SEED RYE

Sow 1 to $1\frac{1}{2}$ bushels per acre.



SPRING SEED RYE

North Dakota Grown Spring Seed Rye. Spring rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture with very good success. Lb. 20c postpaid. By express or freight 10 lbs. 60c; 1-2 bu. \$1.25; bu. \$2.30; 100 lbs. \$4.10.

Winter Seed Rye—N. D. Grown. We have a large stock of choice winter seed rye for shipment at any time. You will find it listed more fully in our fall price list, ready August first. Postpaid lb. 20c. By express or freight 10 lbs. 60c; $\frac{1}{2}$ bu. \$1.20; bu. \$2.10; 100 lbs. \$3.70.

PIONEER BRAND FIELD PEAS

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.



EARLY CANADA FIELD PEAS, MONTANA GROWN SEED

Early Canada Field Peas. Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. Lb. 25c postpaid. By express or freight 10 lbs. \$1.50; $\frac{1}{2}$ bu. \$3.00; bu. \$5.00; 100 lbs. \$8.30.

White Marrowfat Peas. Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about $3\frac{1}{2}$ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drought, etc., than other sorts. One lb. 25c, postpaid; 10 lbs. \$1.50; $\frac{1}{2}$ bu. \$3.75; 1 bu. \$6.50, by express or freight.

Black-Eyed Marrowfat. Very similar to the White Marrowfat, except for the black spot at the eye. Hardy and a heavy yielder; it is an old favorite with many. 1 lb. 25c, postpaid. By express or freight, 10 lbs. \$1.50; $\frac{1}{2}$ bu. \$3.50; 1 bu. \$6.00.

All grain and forage plant prices subject to change without notice.

Grass, Clover, Alfalfa and Forage Plants

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE
PRICES INCLUDE SACKS

We want to say to our friends and patrons, leave so-called meadow and pasture mixtures alone in the Northwest. Often they are mixed with a lot of stuff that cannot be sold by itself, or at least with things not adapted to our climate. If you want a pasture mixture get good pure seed of the sorts you want and mix them yourself. We are always willing to advise as to the best grasses and other forage plants to use under any given set of conditions in the Northwest, as we have studied this problem carefully. Do not go too heavy on any item without first trying it out or having seen it tried out in your neighborhood.

WILL'S PIONEER BRAND GRASS SEED

Russian (or Austrian) Brome Grass. (*Bromus inermis*). Sow 15 lbs per acre. Brome grass is by far the most generally grown tame grass in the Northwest. It is an exceedingly valuable pasture grass especially for early spring and late fall, but produces only a rather poor quality of hay. For hardiness and general resistance to severe conditions it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. 1 lb, 45c, postpaid. By express or freight, 1 lb, 40c. 15 lbs, \$3.50; 100 lbs, \$20.00.

Western Rye or Slender Wheat Grass. This grass is a native of the Northwest, exceptionally hardy and drought resistant and is fast gaining in well deserved popularity. As a pasture grass it is not the equal of Brome Grass, but Brome Grass hay is almost valueless, while Western Rye Grass hay is excellent. This grass is a heavy grower on good soils and even thrives on quite strong alkali land. Sow 15 pounds to the acre. 1 lb, 35c, postpaid. By express or freight, 15 lbs, enough for one acre, \$3.50; 100 lbs, \$20.00.



BROMUS INERMIS



TIMOTHY

Pioneer Brand Timothy Seed. We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. 1 lb, 25c, postpaid. By express or freight, 1 lb, 20c; 10 lbs, \$1.50; 100 lbs, \$12.00.

We often have on hand a second grade of timothy. If interested, write for prices.

ORDER EARLY

Meadow Fescue or English Blue Grass. This grass, while not as valuable as Bromus and Western Rye, is one of the hardest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and, therefore, withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1lb, 35c, postpaid. By express or freight, 1lb 30c; 15lbs, \$4.00; 100 lbs, \$25.00.

Red Top or Herd's Grass. Useful in the Northwest principally for seeding low moist spots, slough beds, basins and any place where water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1lb, 35c, postpaid. By express or freight, 1lb, 25c; 10lbs, \$2.00; 100lbs, \$16.00.

Kentucky Blue Grass. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasture. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. 1lb, 35c, postpaid. By express or freight, 1lb, 30c; 14 lb, (1 bu.) \$4.50; 100lbs, \$30.00.

ALFALFA AND CLOVER SEED FOR THE NORTHWEST

The past winter was a discouraging one for growers of alfalfa and clover in the Northwest, but they may take heart from the fact that the whole country suffered almost as badly. Meanwhile nothing can take away the added fertility which has been imparted to the soil. Even with a freeze out every five or six years alfalfa is a very profitable crop over the whole Northwest, and clover in the locations where it has been doing well.

The cheapest Clover and Alfalfa seed is dearest in the end. We handle nothing but the best grade and no doubt lose a great deal of other trade in consequence as some people are willing to sow a cheaper seed than we offer, and will send their order to some house selling cheap grades and with it their order for other goods. Not only is our clover and alfalfa seed the best to be had, but it is grown in the highest latitudes where it can be produced. Our clover is grown in Northern Minnesota and North Dakota, and our native alfalfa in North Dakota and Montana.

We have installed an Ames Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will return balance.

We shall be pleased to quote prices and submit samples on application.

PIONEER BRAND ALFALFA SEED

Alfalfa Prices Subject to Change Without Notice

Sow 4 to 7 pounds per acre.

Studies and experiments in alfalfa during the past few years have brought a new era in alfalfa production and the demand for hardy seed. It has been proved beyond a doubt that the variegated strains with the branching roots and low spreading crowns are the only really hardy types for the Northwest. Among these strains the most satisfactory so far have been the Grimm and Liscomb, with the Baltic showing exceedingly well in places and the Hansen Siberian sorts also showing up well. The Liscomb has demonstrated its hardiness in North Dakota where it stands up with the hardier strains of Grimm which are acclimated to the state. These varieties are not only hardier but are heavier producers of hay than the common sorts. We have fine stocks of hardy Montana grown Liscomb and of hardy Montana and Dakota grown Grimm at very favorable prices. We believe that a little extra money expended on the purchase of better alfalfa seed will come back a thousand fold in better results.



NORTH DAKOTA GROWN GRIMM ALFALFA

Grimm Alfalfa. We have been very fortunate in securing an excellent stock of genuine North Dakota grown Grimm alfalfa seed. This seed is all grown either from Department of Agriculture or Dickinson Sub-Station stocks which are recognized as the very hardest strains of Grimm. For the most severe conditions this seed can not be beaten. 1lb, 55c postpaid. By express or freight, 1lb, 50c; 10 lbs, \$4.50; 100 lbs, \$40.00.

Liscomb Hardy Alfalfa. A hardy acclimated variegated flowered variety from Montana. 1 lb. 40c; 10 lbs. \$3.50; 100 lbs. \$32.00.



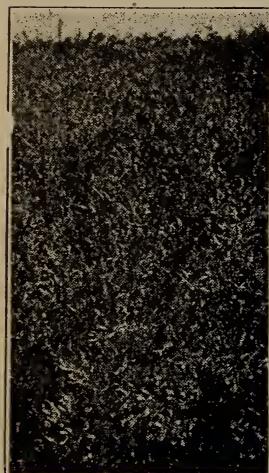
NORTH DAKOTA ALFALFA FIELD

North Dakota Alfalfa. We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the northern part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. 1lb, 45c postpaid. By express or freight 1lb, 40c; 10lbs, \$3.75; 100lbs, \$32.00.

Montana Alfalfa. Under this head we classify non-irrigated or "dry land" alfalfa seed of high quality either from Eastern Montana or Northwestern South Dakota where the climate is fully as severe. Under ordinary conditions this seed will serve all purposes for hardiness, although it is not the equal of Liscomb or Grimm. 1lb, 35c, postpaid. By express or freight, 10lbs, \$2.75; 100lbs, \$25.00.

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed
Sow 6 to 10 pounds per acre



WHITE BLOSSOM SWEET CLOVER

Sweet Clover, White Blossom. This is the hardiest clover known. Thrives in sand, gumbo and alkali, under very dry or very wet conditions. Will make an excellent pasture for either hogs or cattle. Prepares the soil for alfalfa. Gives early spring and late fall pasture and is safer than alfalfa for cattle. Is not as good as the yellow for hay, but better for pasture. Cut early and high for hay. 1 lb., 35c, postpaid. By express or freight, 10 lb., \$3.25; 100 lbs., \$30.00.

Sweet Clover, Yellow Blossom. This is a finer foliated, lower growing variety than the white blossom and makes better hay. It may be cut close to the ground while the white cannot. 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$3.25; 100 lbs., \$30.00.

Will's North Dakota Grown Medium Red Clover. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Can be cut twice

in a season for hay, and in meanwhile adds to the fertility of the soil. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb. 55c, postpaid. By express or freight, 10 lbs., \$4.00; 100 lbs., \$45.00.

Mammoth Red Clover. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota Grown Seed, 1 lb., 55c, postpaid. By express or freight, 10 lbs., \$5.00; 100 lbs., \$45.00.

Alsike or Swedish Clover. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 40c, postpaid. By express or freight, 1 lb. 45c; 10 lbs. \$4.00; 100 lbs. \$35.00.

ALPHANO LEGUME INOCULANT

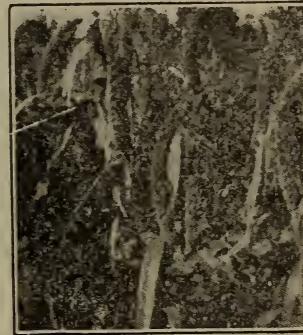
Do not plant clover or alfalfa without innoculating your soil with the nitrogen producing bacteria which make the plants thrive and cause them to enrich the soil. Alphano Inoculant is superior to any commercial culture on the market today. The cardinal points of vantage are: First: The medium used, instead of a tube of jelly, is fine, granular soil organic matter. This means the bacteria are in their native habitat. It does not dry out and the ready access of air so favors their development that we can guarantee our cultures for 2 years. Others are good for but six months. Second: Instead of one type of culture for every different plant, we place all the different strains of bacteria in one can. Only one culture to inoculate your soil for all legumes. Remember that this is the only inoculant which contains the mixed bacteria for all varieties of legumes from garden peas to alfalfa. 1 acre size can, \$1.25, postpaid. By express or freight, 1 acre size can, \$1.00; 10 acre size can, \$8.00.

The red clover, alfalfa, cabbage, beets and carrots, and also the Early Mountain Oats are looking good, though the season is a little too dry.—Adam Werner, Palmer, Alaska.

Will's Pioneer Brand Millet Seed

Millet prices include sacks, and are subject to market changes without notice. Write for prices on large lots. Sow 20 to 30 pounds per acre.

Southern Grown German or Golden Millet. German Millet is a hot climate plant and grows to greatest perfection pretty well south. What we want in the northwest is a stock of the southern product grown in southern Nebraska, southern Iowa, northern Kansas, northern Missouri, Illinois or Indiana. If the seed is grown farther south than these localities the growth will be rank and coarse like small corn stalks, and will not come near enough to maturity before killing frost to head out or contain anything but water and very little dry matter. When seed from the proper section is planted it is a wonderful producer of excellent hay. Our stock is grown in the right locality. By express or freight, 10 lbs, 75c; 25 lbs, \$2.00; 50 lbs, (1 bu.) \$3.25; 100 lbs, \$6.00.



Siberian Millet. This is the most planted of the hardy type of hay millet. It stands drought better than the German, but under favorable conditions does not yield quite as heavily although the hay is finer. This variety does not deteriorate from being planted in the north. By express or freight, 10 lbs, 75c; 25 lbs, \$1.75; 50 lbs, \$3.25; 100 lbs, \$6.00.

Japanese Millet. On fairly rich soil with average rainfall, Japanese Millet is one of the very best forage plants. It makes an excellent hog pasture. If sown early may be cut for hay and later pastured. Grows 4 to 6½ feet high and is good silage material. If not pastured, two crops of hay may be cut. Seed about 20 pounds to the acre. 1 lb, 25c, postpaid. By express or freight, 10 lbs, 75c; 25 lbs, \$1.75; 50 lbs, \$3.25; 100 lbs, \$6.00.

GERMAN MILLET

White Wonder Millet. Our trial of this new Millet the past season showed a wonderful growth. The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very readily. We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean. White Wonder Millet will soon take first place among the Millets. 1 lb, 20c, postpaid. By express or freight, 10 lbs, \$1.00; 25 lbs, \$2.00; 50 lbs, \$3.75; 100 lbs, \$7.00.

Broom Corn or Proso Millet. This with the Early Fortune represents a distinct type of Millet which is grown for seed. The seed is an excellent feed for cattle and other live stock, and for poultry. It is also largely eaten by human beings in China and Siberia. Tests in this country prove that it is of very high value for human consumption. 10 lbs, 75c; 25 lbs, \$1.40; 50 lbs, \$2.75; 100 lbs, \$5.00.

Early Fortune Millet. The same as the Broom Corn Millet, except that the seed is red instead of yellow. By express or freight, 10 lbs, \$1.00; 25 lbs, \$1.60; 50 lbs, \$2.75; 100 lbs, \$5.25.

BROOM CORN OR
PROSO MILLET

RAPE

Dwarf Essex Rape Seed. This plant, related to the rutabaga, but a leaf producer instead of a root producer, is perhaps the finest sheep and hog pasture plant that we have. It thrives best on good soil well watered. Under such conditions it produces from ten to twelve tons of feed per acre. Slough land is ideal for it. Sown broadcast, use 5 pounds per acre. In rows, 30 inches apart, from one to two pounds is sufficient. 1 lb, 30c, postpaid. By express or freight, 10 lbs, \$1.75; 50 lbs, \$7.00; 100 lbs, \$13.50.



DWARF ESSEX RAPE

Sorghums

We have a large stock of cane, feterita and Sudan seed already purchased and can therefore hold the present prices well into the spring if not all through the season.



AMBER CANE. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. 1 lb., 20c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$6.00. Ask for prices on large lots.



Early Amber Cane. This is the earliest maturing variety of Cane and the one usually raised in the North, both for fodder and syrup. Ripens in 90 to 100 days. Cane may be broadcasted, or planted in drills 3 feet apart and cultivated. In the first case sow about 50 pounds per acre; in the row method, sow 6 to 10 pounds per acre. Cane is a heavy producer of valuable feed, a good silo filler, and very drought resistant. 1 lb., 20c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$6.00. Ask for prices on large lots.

Feterita. This is a sorghum of recent introduction and is the most drought resistant forage plant we have. It belongs to the non-saccharine type of the sorghums and is related closely to Kaffir Corn, but is fully three weeks earlier. Drought cannot kill it, as it only suspends growth until moisture comes again. It may be cut for hay, pastured, or cut for grain, and it is early enough to mature grain even the Northwest.

It is early enough to mature grain even the Northwest. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. 1 lb., 20c, postpaid. By express or freight, 10 lbs., \$1.00; 100 lbs., \$6.00. Ask for prices on large lots.



Sudan Grass. While called grass, Sudan Grass is an annual plant and a member of the Sorghum family. Sudan Grass answers the same purpose as Millet and is superior to it in its drought resistance, the fact that it may be cut two or three times in a season, and the quality of the hay which all stock prefer. It will outyield almost any other annual hay crop, especially under dry conditions. Do not plant until after corn is planted. Sow in rows 18 to 42 inches apart and cultivate, or broadcast. In rows use 4 to 6 pounds of seed per acre; broadcast use 16 to 24 pounds. 1 lb., 50c, postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.60; 50 lbs., \$11.00; 100 lbs., \$20.00.

Cow Peas, Whip-poor-will. This is a soil enriching legume about which too little is known in the Northwest. The Whip-poor-will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green, and are eaten by stock dry; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.50; 100 lbs., \$8.00.

Soy Beans. Extra Early Yellow. Valuable in the north chiefly as a soil improver and wonderful forage crop, though the beans which are excellent both as human food and food for stock, will usually ripen in our section. Plant after corn in drills 30 inches apart. A wonderful hay producer, and drought resistant. 1 lb., 25c, postpaid. By express or freight, 10 lbs., \$1.50; 50 lbs., \$7.00; 100 lbs., \$13.00.

Vetch, Sand, Hairy or Winter. May be sown in the fall or spring for hay or pasture. Does not stand our winter well at all times. Sow with winter rye, or with oats in spring, at the rate of 30 pounds per acre. If used alone sow 60 pounds per acre. 1 lb., 35c, postpaid. By express or freight, 10 lbs., \$2.75; 100 lbs., \$23.00.

Spring Vetch. Very similar to the other variety, but cannot be sown in the fall. Prices the same.

Sunflower—Mammoth Russian. Attaining prominence as a valuable silage crop. 1 lb., 25c, postpaid. By express or freight, 5 lbs., 80c; 10 lbs., \$1.50.

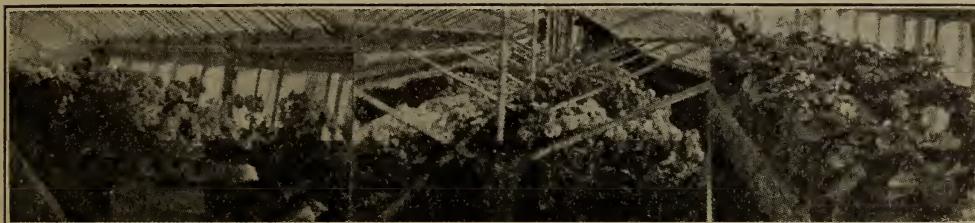
PEANUTS

Spanish. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt, 10c; $\frac{1}{4}$ lb., 15c; 1 lb., 35c, postpaid. By express, 1 lb., 25c; 5 lbs., 90c.

Mammoth Virginia. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt, 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c, postpaid. By express or freight, 1 lb., 30c; 5 lbs., \$1.40.

Pioneer Green Houses

HOUSE, BEDDING AND VEGETABLE PLANTS



WILL'S GREENHOUSES

Plants shipped during the winter and Easter season will go forward in pots. Late spring shipments will be regarded as intended for bedding purposes and with the exceptions of Boston, Whitmani, Holly and Asparagus Ferns, all plants growing in pots of under five inches in diameter will be shipped out of pots. All prices listed in the greenhouse section are by express at the customers expense, unless otherwise explicitly stated. If goods arrive in poor condition have your agent note such condition on the bill before you sign your name, and send papers to us. We will adjust the matter to your satisfaction. We cannot guarantee safe arrival of plants if ordered sent by mail, but strongly advise express shipments and do guarantee safe arrival of all goods sent by express.

HOUSE PLANTS AND PLANTS FOR WINDOW BOXES

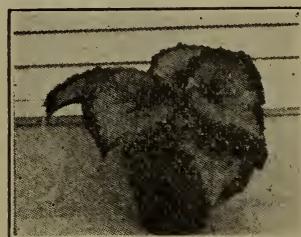
Asparagus Ferns—*Plumosus Nanus*. The lacylike texture of its foliage surpasses that of the Maiden Hair Fern in grace and daintiness. It thrives nicely in the temperature of the ordinary living room and is used largely in jardinières either alone or as a center plant. In 3-inch pots, 15c. In 5-inch pots, 50c.

Sprengeri. Its lovely long sprays of feathery green foliage make this plant particularly valuable for hanging baskets, pots and vases. In 3-inch pots, 15c; in 5-inch pots, each, 50c.

BEGONIA—*Rex "Painted Leaf Begonia."* These are grown exclusively for the rich and varied markings and beauty of their foliage. 4-inch pots, 25c; 5-inch pots, 50c; 6-inch pots, 75c.

Gracillaris Luminosa. One of the old fashioned favorites, unsurpassed as a bedding plant; excellent as a pot plant in winter and always profusely bearing brilliant red flowers. 4-inch pots, 25c; dozen, \$2.50.

Chatelain. Another everblooming Begonia with beautiful pink flowers. 4-inch pots, each, 25c; dozen, \$2.50.



REX BEGONIA

Calla Lily. Of marvelous beauty, the flowers are a rich, pure white and often five inches across. The beauty of the foliage with the splendor of the flowers present a striking appearance. In 5-inch pots, each, 35c. Large dry bulbs, 25c each, postpaid.

CHRYSANTHEMUM. We offer large blooming plants from the first of October until December first at from \$1.00 to \$1.50 apiece.

CYCLAMEN. The finest winter-flowering plant that we have. From the middle of November on we offer large blooming plants at from 50c to \$2.00. In the spring small plants are sold which, if set out during the summer and properly repotted in the fall, will bloom that winter. White, pink and crimson. Each 25c.



CYCLAMEN

FERNS. *Boston or Sword*. Various sizes, priced at from 50c to \$2.50.

Whitmani or *Crested*. 50c to \$2.50.

Holly Ferns. 50c to \$1.00.

FUCHSIAS. When in bloom, the most graceful of all cultivated plants. Named varieties.

4-inch pots, each, 25c; dozen, \$3.00.

HELIOTROPE. Universal favorites, are always in demand because of their delicious fragrance. Equally useful for bedding or pot plants. 4-inch pots, each, 15c; dozen, \$1.50.

Our Fall List of Bulbs, Winter Blooming Plants, etc., is issued annually, about August first. Send for it.

IVY—English. Very showy and a favorable indoor climber. Each 15c to 25c.
German or Parlor Ivy. A rapid growing vine of bright green foliage, it is very useful for hanging baskets and vases. Each, 15c to 25c.

LOBELIA. A blue flowering, continuously blooming plant of easy culture, used largely for edging beds. 2½-inch pots, doz. 60c.

MADEIRA VINE. A tuberous rooted climber with thick leaves and handsome racemes of fragrant white flowers. Very satisfactory in house and window box culture. Each, 15c to 25c. Dry bulbs, each, 10c; doz. 60c, postpaid.

PELARGONIUM.—Easter Greeting. New everbearing variety. The flowers are large-sized, a bright amaranth red, and each petal marked by a large black blotch. 50c to 75c each.

PRIMROSES.—Chinese Primrose. A most popular variety for winter blooming. The flowers are of all shades and markings. 3-inch pots, 25c each, 5-inch pots, 50c each.
Obconica. A lovely perpetual-blooming primrose. The flowers are of rose-lilac shading white. 3-inch pots, 35c each. 5-inch pots, 50c each.

VINCA VINE. (Variegated). One of the most handsome of the trailing vines, splendid for window boxes and vase fillings. 3-inch pots, each 15c; 4-inch pots, each, 25c. Postpaid, 3-inch pots, each, 25c.

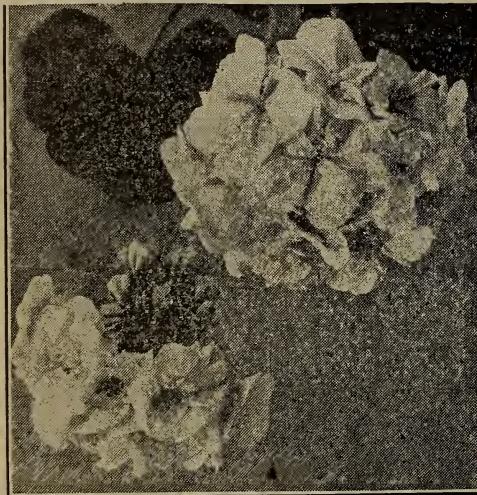
WANDERING JEW. (Tradescantia). A popular plant for window boxes and hanging baskets. Green leaved, 3-inch, 15c each. Variegated leaved, 15c each. 4-inch, 25c. Smaller plants postpaid at same prices.

HANGING BASKETS. Well started, \$1.00 and upwards.

Bedding Plants

ALTERNANTHERA. Dainty, red and yellow variegated, dwarf foliage plants, useful in borders, carpet bedding, and design work. From 2½ inch pots, each, 10c; doz. 60c. Postpaid, each, 15c.

ANTIRRHINUM (Snapdragon). These bloom continuously, and are valuable in beds, borders, or for cut flowers. The plants are hardy and produce large spikes of pure-colored durable flowers. From 3-inch pots, doz. 75c. Postpaid, each, 20c.



ASTERS. Strong transplants of the best varieties, not potted. Doz. 35c. Postpaid, doz. 45c.

COLEUS. For distinctive arrangements in beds and borders the Coleus is most commonly used. We grow the red, yellow and variegated leaved varieties. From 3-inch pots, each, 15c; doz. 75c. Postpaid, each, 20s; doz. \$2.00.

DOUBLE MARGUERITE. Its lasting, white, long-stemmed blooms and its continuous, free blooming habit make this variety particularly adapted for beds and for use as cut flowers. Each, 20; doz. \$2.00.

DAISIES.—English. Very popular, spring-flowering perennial plants. Require some protection during the winter. In white and pink, unpotted. Doz. 20c. Postpaid, doz. 35c.

FEVERFEW. A vigorous, strong growing plant bearing clusters of large, snow-white flowers. It produces a succession of bloom and is unexcelled for bedding or cemetery use. 4-inch pots, each, 15c; doz. \$1.50.

GERANIUMS.—Happy Thought. A bright scarlet flowered Geranium. The ground color of the foliage is a dark green. The leaves are creamy-white centered, with dark bands about the lighter zones. From 4-inch pots, each, 25c.

Rose. (Scented Geranium). This is the most popular of scented Geraniums. From 4-inch pots, each, 20c; doz. \$2.00.

Madame Sallero'e. The greatest acquisition in silver variegated geraniums for bedding and pot purposes that has ever been introduced. Each, 15c; doz. \$1.00.

Geraniums. Best varieties in pink, white and red, 4-inch pots, 15c each; \$1.50 per dozen. 5-inch pots, 20c each; \$2.00 per doz. Write for prices on large lots. Postpaid, small plants out of pot, 30c each.

PANSIES. We make a specialty of Pansy Plants, and our large stock is grown from the best seed obtainable. Unpotted, doz. 25c; 100 for \$2.00. Doz. 35c, postpaid.

PETUNIA. This is one of the very best bedding plants and of easiest culture. Single, each 10c; doz. \$1.00. Double, each, 25c; doz. \$2.50.

ROSES. White and Red Baby Ramblers in 6-inch pots for winter and spring sale. These may be set out in the open ground in summer, and if cut back and repotted will bloom all winter indoors. Each, \$1.00.

SALVIA SPLENDENS. (Scarlet Sage.) The erect spikes of brilliant scarlet flowers stand above the dark-green foliage and make this one of the most effective plants for

VERBENA. There is no more satisfactory blooming plant than the Verbena. It is bedding. 4-inch pots, each, 15c; doz. \$1.50. especially adapted for vases, flower beds and borders. 3-inch pots, each, 10c; doz. \$1.00. Postpaid, each, 15c.

Mr. John A. Chinn, Watrous, N. D.: I want to order 100 Early Tomato plants from you. I got mine of you last year and had lots of Tomatoes when my neighbors hadn't any.

Roots and Bulbs

CANNAS

Most majestic in foliage and tropical in appearance, cannas have rapidly advanced in popularity as showy and effective bedding plants. Our list is small, but the varieties named are of the very best. We give approximate height of plant, color of foliage, and color of flower in listing each variety, so that they may be properly arranged in bedding. Dormant roots, each, 20c; doz. \$1.50, postpaid.

King Humbert. 4-5 feet. The highest type of flower with the finest bronze foliage. The flowers measure six inches in diameter, in color a glowing scarlet. This is the "King of Cannas."

Majestic. 6-7 feet. A foliage Canna. The leaves are bluish-green, lined with bronze, and long-pointed. It blooms in erect, full trusses of small carmine-red flowers.

Moonlight. 3-4 feet. The foliage is green. The creamy white flowers are small but borne in good sized trusses. Unlike many of the white flowered varieties, this is a strong grower.

Louisiana. 5-6 feet. The foliage is green. The unusually large flower is a deep, vivid crimson, 6 to 7 inches across and with crinkly edge and silky sheen.

Dr. Nansen. 2-2½ feet. This free flowering, green foliage canna is one of the most admirable of the dwarf sorts. In color, the flower is a soft, pale yellow.

GLADIOLII

There is no flower of such easy culture that embraces the great range and combination of color to equal the Gladiolus. Bulbs planted at intervals will give long keeping blooms from July until frost.

Chicago White. An early white variety of great excellence. Each, 10c; doz. 75c.

Peace. A wonderful late white of very large size. Each 10c; doz. 80c.

Principe. A fine early red sort. Each, 10c; doz. 75c.



PEACE

Sulphur Queen. Large yellow, and medium early. Each, 10c; doz. 75c.

Baron Hulot. An unusual blue of good quality. Each, 10c; doz. 60c.

America. A medium size pink variety of the earlier type. Each, 10c; doz. 60c.

Panama. A handsome large, pink, and one of our finest varieties. Each, 10c; doz. 80c.

Finest Mixed Gladiolii. First size bulbs, doz. 55c, postpaid. 100 by express, \$2.50.

DAHLIAS

Dormant roots. Each, 10c; 6 for 50c. Postpaid, each, 15c; 6 for 70c.

Jack Rose. (Decorative). The best crimson for garden or cutting. A large profuse bloomer.

Grand Duke Alexius. (Decorative). The flower is white, edged with lavender and with quilled petals.

Blue Oban. (Decorative). The soft lavender blue of this flower is the nearest to blue in Dahlias.

Zulu. (Decorative). "The Black Dahlia." A great favorite; the flower is a velvety maroon, shaded with black.

White Swan (Cactus). A beautiful pure white flower of exquisite cactus form.

Miss Browning. (Ball Dahlia). The chaste flowers are a clear, rich canary-yellow, tipped with white.



DAHLIAS

Vegetable Plants

We do not guarantee arrival of plants in good condition if ordered shipped by mail.

We can only agree to supply early and late plants of standard varieties, as to supply plants of all varieties of which we have seed would entail too much work, care and expense. Plants are usually ready to send out about May 20th, but we cannot guarantee date of shipment. Tomato and Pepper plants are all strong transplants with fibrous roots. Owing to the great advance in cabbage and cauliflower seed we are compelled to raise the price on plants.

Early Cabbage. Per 100, \$1.00, postpaid. By express, per 100, 75c; 1000, \$5.50.

Late Cabbage. Per 100, 75c, postpaid. By express, per 100, 50c; 1000, \$4.50.

Cauliflower. Per 100, \$1.50, postpaid. By express, per 100, \$1.25; 1000, \$10.00.

Celery. Transplanted, 35c per doz. postpaid. Seedlings, 15c per doz.; 50c per 100, postpaid. By express, transplants 25c per doz. Seedlings, 40c per 100; \$3.50 per 1000.

Pepper. Per dozen, 35c, postpaid. By express, per dozen, 25c; per 100, \$1.50.

Yellow Plum Tomato. For pickling. Doz. 35c, postpaid. By express, doz. 25c.

Tomato. Per dozen, 35c, postpaid. By express, per doz. 25c; per 100, \$1.50.

Tomato. From 3-inch pots. By express only, 75c per dozen.

Sweet Potato. Dozen, 15c; 100, 75c, postpaid. By express, 100, 50c; 1000, \$4.00.

Mint Plants. For sauces, garnishing beverages, etc. From 3-inch pots, per doz. 50c.

Postpaid, 60c.

Holt's Mammoth Sage. The best variety. It cannot be grown from seed. From 3-inch pots, 1 doz. 50c. Postpaid, per dozen, 75c.



CARNATION

Prices are always gladly quoted on application.

PRICE OF BEST RED STONEWARE POTS AND SAUCERS, F. O .B. BISMARCK

Size of pot in inches	Each	Per dozen	Saucer Size in inches	Each	Per dozen
2	\$.03	\$.35			
2½	.04	.40			
3	.05	.50			
3½	.06	.60			
4	.07	.75			
5	.08	.85	5	\$.05	\$.55
6	.10	.90	6	.06	.60
7	.15	1.40	7	.07	.70
8	.20	1.75	8	.09	.90
9	.30	2.50	9	.10	1.00

SUNDRIES

3-Inch Paper Flower Pots. These are just the thing for home grown vegetable plants. 25c per dozen, postpaid. 100 by express, \$1.75.

Flower Pot Covers. These are made of green crepe paper and transform ugly pots into desirable objects. Please mention size of pot in ordering. Each, 15c, postpaid.

Rubber Plant Sprinklers. These are indispensable for floral work and window gardening. Price, medium size, 35c; large size, 55c.

Bismarck Nursery

In response to statements frequently made by irresponsible tree agents, who claim we have no nursery, we cordially invite every one to visit our nursery (with entrance at the foot of Seventh Street, Bismarck) at any time between April 15th and October 15th.



VIEW OF A PART OF OUR NURSERY

CERTIFICATE OF EXAMINATION

August 25, 1918.

This is to certify that I have this date examined the Nurseries and stock of Oscar H. Will & Co., and found the same to be free from dangerously injurious insects and plant diseases.

C. B. WALDRON.

We guarantee that all trees and plants shall reach the purchaser in good condition when shipped by express, if the goods are examined before being accepted, and damage marked on receipt of the transportation company. We find it impossible to so guarantee safe arrival when goods are ordered sent by mail.

We wish to call the attention of our Canadian patrons to the fact that all nursery stock must go into Canada by express or freight, as shipments by parcels post of nursery stock is in violation of the Canadian laws.

Landscaping Free. We will gladly furnish information and small landscape plans upon request of our customers, but where landscape plans, etc., are desired on a larger scale, kindly write us for further information.

BRIEF INSTRUCTIONS TO PLANTERS

Care When Received. All nursery stock leaves our packing cellar in first class condition. If your goods have been overlong on the road, or upon arrival are evidently in bad order, have the express agent make note of same on express bill before you sign it.

If trees are to be planted soon, place roots in water and let them remain for several hours. If stock cannot be planted for several days, place roots in a trench and cover firmly with moist earth.

Planting. It is a good practice to "puddle" the roots in mud thick enough to leave a thin coating on the roots.

For small trees in wind-breaks, etc., the ground should be prepared as for corn. In planting such trees the best method is as follows: Drive a spade perpendicularly into the ground; work backwards and forwards until roots of tree may be inserted behind spade; remove spade and tread firmly about tree while holding same in position with one hand.

Before setting, all broken roots and branches should be cut back to sound, live wood. About one-half of the previous season's growth should be cut back on all branches except the leader. If trees are kept in shape when young, severe pruning will never be necessary. For trees of one inch caliper and under the hole should be two feet in diameter, and for each additional inch caliper the diameter of the hole should be increased one foot. The hole should only be deep enough to admit planting the tree from one to two inches deeper than when planted in the nursery. Work the mellow soil well around and between the roots and firm it thoroughly.

Cultivation. All groves and wind-breaks should be well cultivated for four or five years after planting. Lawn and avenue trees cannot be cultivated to the same extent, but a small space about each tree should be kept free from grass and weeds and thoroughly mulched.

Pruning. If you want to avoid the ravages of Sun-scald and other diseases on your trees, prune VERY LITTLE, or NONE after they are started, and very little in Windbreaks and Shelterbelts as it prolongs cultivation by the insistence of weeds and baking of soils.

We have issued a 32-page booklet, entitled, "Home Grounds" which covers the planting problems, both ornamental and fruit, that confront the prospective tree planter. A copy of this educational book will be mailed free of charge upon request.

Order No. 24791 arrived in good shape. It was surely packed well.—R. H. Pomplun.

Order No. 45687 reached me in fine condition. I appreciate your prompt and satisfactory service and shall continue to patronize you.—G. E. King, Bonin, Mont.

Select List of Our Hardesty Perennials

All prices by express unless otherwise noted.

Yielding to popular demand we are listing a few hardy perennials which after thorough trial seem best adapted to our conditions. These make the ideal flower garden, requiring less care than the annuals, and reappearing each spring as old friends. They delight in rich soils and appreciate a mulch of manure as soon as the ground is frozen. We offer dormant roots of the varieties listed below. The prices quoted are by express with charges at customer's expense. Except as otherwise noted, by express, price each, 15c; doz. \$1.50. Mail, each 20c; doz. \$1.65.

ANEMONE. Native Windflower. (*Anemone Nemerosa*). Has beautiful white flowers in June and July. Will do especially well in the shaded shrubbery. Each, 10c.

ACHILLEA. (The Pearl). Absolutely hardy, producing a wonderful profusion of dainty, white, rose-like flowers throughout the summer.

BABY'S BREATH. (*Gypsophila Paniculata*). A very graceful plant, blooming in August and September, when it becomes a mass of minute pure white blossoms, unexcelled for cutting. By express, each, 20c; dozen, \$2.00.

BLEEDING HEART. (*Dicentra Spectabilis*) 2 feet. Blooms from May to June. The heart-shaped flowers are pink and white, produced in graceful, drooping racemes.

COLUMBINE. (*Aquilegia Canadensis*) 1 to 2 ft. Blooms from May to July, bearing quaint red and yellow flowers.

CHINESE BELL-FLOWER (*Platycodon*). 1 to 2 feet. Very handsome border plants of the Campanula family, the flowers in bud having the appearance of bells or inflated balloons. They flower from June to September. Each, 20c; dozen, \$2.00.

DAISY. Shasta. An absolutely hardy perennial, blooming more freely each season. The flowers are large and graceful with three or more rows of glistening white petals. Blooms continuously. 2 year roots, each, 25c; doz. \$2.50.

LARKSPUR. Perennial. (*Delphinium*). 3 feet. Its fern-like foliage and spikes of light blue flowers make this plant very attractive and striking.

NATIVE VIOLETS. Young plants either white or blue. Each, 10c; dozen, 75c.

FOX GLOVE (*Digitalis Purpurea*). 4 feet. This old fashioned favorite blooms in July and August. Mixed colors.

GOLDEN GLOW. (*Rudbeckia Lanciniata*). 5 to 6 feet. Blooming in July and August; its tall, swaying stems are aglow with rich, golden-yellow, dahlia-like flowers.

HOLLYHOCK. 4 to 5 feet. This is among the most ornamental and stately garden flowers with its tall spikes dotted with large, lovely-shaded, flowers. It requires some covering during the winter.

IRIS. 6 inches to 3 feet. The members of this family are among the most desirable of the spring-flowering, hardy plants. They flower in May and June.

(GERMAN) FLAG IRIS. Silver King. Early, fragrant, solid, lavender fading to white. Each 20c; dozen, \$2.00.

Bronze. Light yellow, veined and tinged with red.

Samson. Light yellow, veined with brown.

SIBERIAN IRIS. *Orientalis*. A brilliant blue, blossoming after the German varieties are gone.

Snow Queen. Ivory white in color and one of the best of the whole Iris family. Each, 20c; dozen, \$2.00.

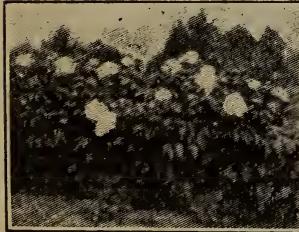
George Wallace. Blue and White. One of the tallest of the Irises.

LILY-OF-THE-VALLEY. 6 inches. Absolutely hardy. The heavy foliage is dark green and small,

bell-shaped, dainty white flowers bloom in May. They are very fragrant. This variety requires rich, moist soil and does best when partially shaded. Clumps, each, 25c.

SWEET WILLIAM. (*Dianthus Barbatus*). 12 to 18 inches. A grand, old-fashioned favorite, with a wide range of color.

TIGER LILY. (*Lilium Tigrinum*). 4 to 5 feet. The flowers are a glowing orange-red and spotted with black. Dry bulbs, each, 20c; doz. \$2.00.



FESTIVA MAXIMA PEONIES
AT OUR NURSERY



IRIS

Peonies are among the dozen commonest and hardesty herbaceous perennials. Following are the six best named varieties:

Festiva Maxima. The largest and choicest of all white Peonies. Blooming very early; the flowers often measure 7 inches across, and are milk-white with a few carmine spots in the center. Each, 45c; doz. \$4.75.

Grandiflora Rubra. The extra large flower is a perfect blood-red ball. It is late blooming and probably the largest Peony in existence. Each, 45c; doz. \$4.75, postpaid.

Duchess de Nemours. The most nearly pure white of all Peonies. Each, 45c; doz. \$4.75, postpaid.

Felix Crousse. This is a late variety with large, round, double, deep crimson flowers. Each petal is marked with cardinal at the base. Each, 95c; doz. \$9.75.

Marie Lemone Dwarf. Extra late, and very scarce; this variety is noted for its white flowers which are faintly tinged with chamois. Each, 50c; doz. \$5.00, postpaid.

Golden Harvest. A large and very free bloomer. In color it is bluish white with creamy white guard with yellow center; center carmine-tipped in most pleasing combinations. Each 45c; doz. \$4.75.

One each of the above six Peonies, \$2.60.

Hardy Forest, Shade and Ornamental Trees

ASH. (Fraxinus Lanceolata). The Green Ash is a native of North Dakota and, to quote Circular No. 10, January 1916, issued by the North Dakota Agricultural College: "Is hardy against drought, heat and cold. Will grow on dry and alkaline soils." We particularly recommend our "Time Saving Trees," (2-3 and 3-4 inch caliper). These are straight, fine specimens, gracefully branched and have extra heavy root-systems. Seed, per pound, 55c.

	100	500	1000	Each	Dozen	100	
6-10 inch	\$.60	\$2.00	\$3.50	2-3 in. cal.	\$1.00	\$ 9.00	
10-20 inch	.75	4.00	7.00	3-4 in. cal.	1.50	12.00	
				6-8 ft. tall	.30	2.75	\$20.00

ASH. European Mt. (Sorbus Aucuparia). A very handsome hardy tree. The head is dense and regular, very attractive when in bloom, and covered from July till winter with great clusters of bright red berries. A very choice ornamental tree. 6-8 ft. each, 50c; dozen, \$4.00.

BOX ELDER (Acer Negundo). Also called Ash-leaved Maple. A very good method in planting windbreaks is to alternate quick growing trees with slower growing, long lived varieties. The Box Elder and the Ash are often used in this manner with the Cottonwood. The Box Elder has many opponents but



OUR ASH TIME SAVERS

it is a mainstay of this section for shade purposes and very few trees can compare with it for all round excellence. We wish to call your special attention to our large caliper trees. These give immediate results in lawn and street planting.

	100	500	1000	Each	Dozen	100	
6-10 inch	\$.45	\$ 1.50	\$ 2.50	4- 6 ft.	\$.90	\$ 6.00	
10-20 inch	.75	2.00	3.50	8-10 ft.	.50	4.50	22.00
20-30 inch	1.00	3.00	5.50	2-3 in. cal.	1.00	.80	
3-4 ft.	4.50			3-4 in. cal.	1.50	12.00	

BIRCH. Cut-leaved Weeping. (Betula Lanciniata Pendula). This is the most popular of all the weeping trees. Of tall and slender habit; its gracefully drooping branches, silvery white bark and delicately cut foliage, with its absolute hardiness present a rare

combination of attractive characteristics. Our stock consists of extra fine trees, each a picture in itself. 5-6 ft. each 90c; dozen, \$9.00.



BOX ELDER SHADE TREE



COTTONWOOD WINDBREAK

	100	500	1000	6- 8 ft.	Each	Dozen	100
6-10 inch	\$.75	\$3.00	\$ 5.00	8-10 ft.	.25	\$ 2.00	\$15.00
10-20 inch	1.00	4.00	7.00	2-3 in. cal.	.50	4.50	20.00
3- 4 ft.	4.00			3-4 in. cal.	.75	6.00	
					1.50	15.00	

The cottonwood I got from you fifteen years ago are fair sized timber now. They outgrew all other varieties planted at that time.—D. S. McLeod, Good Lands, Manitoba.

CHOKE CHERRY. (*Prunus Virginiana*). See under "Cherries."

ELM, AM. WHITE. (*Ulmus Americana*). Six to ten inches, per 100, 75c; 500, \$3.00; 1000, \$5.50. Six to eight feet, each, 35c; dozen, \$3.50.

LINDEN or BASSWOOD. (*Tilia Americana*). A hardy grower of pyramidal habit when young, but eventually a large round-headed tree. Its shiny light-green leaves are large and attractively shaped. It blooms in July. Valuable for street planting and also very useful as a specimen tree. Six to eight feet, each, 50c; dozen, \$4.50.

MAPLE Soft. (*Acer Saccharinum*). We have succeeded in acclimating some very nice stock of this desirable tree, but do not recommend it for dry soils unless water can be applied plentifully, particularly before freezing in, in fall. 18-24 inches, per 100, \$1.00; 500, \$4.00; 1000, \$7.50.

MAPLE, Ginnala. (*Acer Ginnala*). Small foliage prettily cut and lobed. Leaves turn a bright red in autumn. A very hardy and ornamental tree. 18 to 24 inches, each, 20c; dozen, \$1.50.

Olive, Russian. See under Hedges.

PEA TREE, Siberian. See under Hedges.

Poplars and Willows

POPLAR. Balm of Gilead. The popularity of the Balm of Gilead as a quick-growing serviceable shade tree is rapidly increasing as its remarkable hardiness and beauty become known. 2 to 3 feet, each 20c; dozen, \$2.00.

POPLAR. Silver-leaved. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy white underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 5 to 7 ft. trees, each, each, 50c; dozen, \$4.00.

WILLOW. Diamond. The most valuable as to timber of all the willow family and a native of North Dakota. Diamond willow fence posts will outlast the best white cedar. It has a shrubby tendency and in such form is valuable for shelter belts and hedges, but, if trimmed up from the start there is no more graceful tree to be had. Seedlings per 100, 75c; 500, \$2.00; 1000, \$3.75. Fresh cuttings from new wood. 500, \$1.50; 1000, \$2.00.

WILLOW. Niobe Weeping. Introduced from Siberia. It is a hardy, golden-barked willow of weeping habit. The tree is a good grower with long, delicate, pendulous branches which nearly reach the ground. As any weeping tree may be injured by very high winds, we advise planting in partially sheltered places, as for example, the south side of the house. 3 to 4 feet, each, 20c; dozen, \$2.00.

WILLOW. Golden Russian. A good practical tree of symmetrical form. Its highly colored bark makes it very attractive, even in winter. One year trees, each, 15c; per dozen, \$1.00; per 100, \$8.00. 2-inch caliper, each, 75c.

WILLOW. Laurel-Leaf. A handsome, ornamental tree, with large, shining laurel-like leaves. Its bark stands out dark green in winter, and it is a beautiful specimen at all seasons. 1 to 2 feet, each, 15c; per dozen, \$1.00; per 100, \$8.00.

WILLOW. The True White English. Largely used for windbreaks and shelterbelts. 2 to 4 feet, each, 10c; per dozen, 90c; per 100, \$7.00.



ENGLISH WHITE WILLOW
WINDBREAK

Ornamental Flowering Shrubs

FLOWERING or BUFFALO Currant. (*Ribes Aureum*). The fragrant yellow flowers are borne in showy racemes and bloom before the plant leaves out. The flowers are replaced by deep crimson berries which make excellent jelly. The leaves give bright autumn tints. Particularly desirable in shrubby clusters. Each, 2 to 3 feet, 25c; dozen, \$2.50.

HIGH BUSH CRANBERRY. (*Viburnum Opulus*). A native shrub, flourishing on all but the dryest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. 2 to 3 feet, each, 30c; dozen, \$2.75.

HONEYSUCKLE, Bush. Red or white. See under Hardy Hedges.



SNOWBALL

SPIREA. Anthony Waterer. This is a dwarf, free-blooming variety which bears flattened heads of brilliant rosy blossoms on the new wood throughout the latter part of summer. 18 to 24 inches, each, 35c; dozen, \$3.00.

SPIREA. Billardi. A hardy, vigorous growing shrub with flowers in terminal rose colored spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 2 to 3 feet, 30c; dozen, \$3.00.

SPIREA. Opulifolia. Very hardy and beautiful. Small plants, each, 10c; dozen, \$1.00.

LILAC. Common Purple. The old fashioned shrub bearing dense pannicles of lilac flowers in May. Each, 25c; dozen, \$2.50.

LILAC. Common White. The old favorite with its pure white fragrant flowers. Each, 25c; dozen, \$2.50.

LILAC. Persian Red. The delicate flowers of this variety are a deep rose in color and very sweetly scented. Each, 40c; dozen, \$3.50.

LILAC. Villosa. A species from northern India, having large pannicles and flowers which are light purple in bud and white when open. Very fragrant. The rich, bright-green foliage resembles that of the white fringe. Each, 2 to 3 feet, 50c; dozen, \$4.50.



SPIREA VAN HOUTTEI

I received the lilac bushes you sent and am well pleased with them.—Miss Pearl Rews, Harvey, N. D.

My order has reached me in good condition. I want to thank you for the extra trees.—L. M. Lilly, Bowman, N. D.

Flowering Ornamental Shrubs (Continued)

LILAC. Josikaea. (Hungarian Lilac). Blooms late in June, with large panicles of Lilac-purple flowers. Grows upright, 6 to 8 feet, with stout branches, and broad, dark leaves. Each, 2 to 3 feet, 50c; dozen, \$4.50.

SUMAC. (Rhus Typhina). Tall growing with glossy foliage. Blooms late with terminal flowers of greenish-white in dense pannicles. Fruits large, deep crimson. Foliage colors beautifully in fall. 2 to 3 feet, 50c.

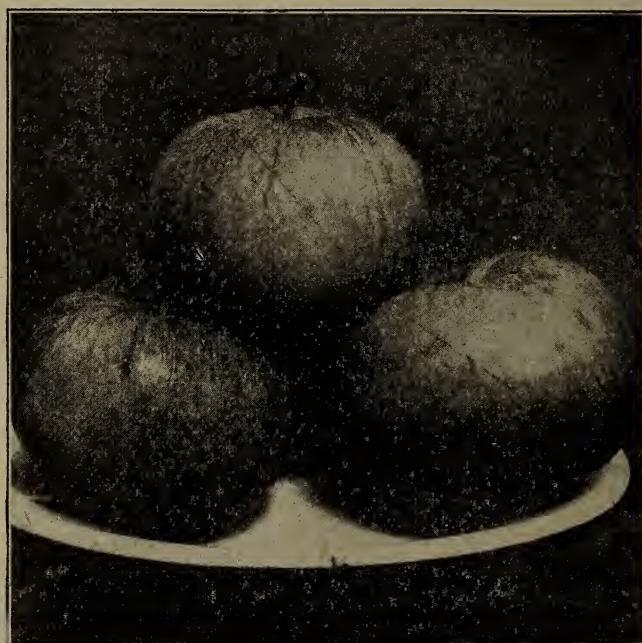
BUTTERFLY BUSH or SUMMER LILAC. (Buddleia Magnifica). Takes the place of lilacs in summer. Forms a quick, bushy growth and blooms the first season. For best results next season, take indoors in winter. One year plants from 3-inch pots, 25c; dozen, \$2.50.

Fruit Trees, Apples and Crabs

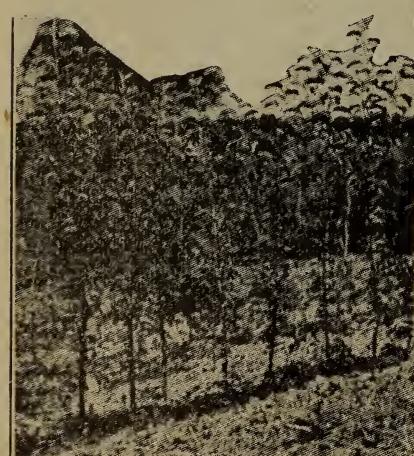
Under proper conditions apples may be successfully grown in North Dakota. A good wind-break, however, is absolutely essential. We find that the younger trees have a much better chance of succeeding than larger ones, and are therefore listing only the 3 to 5 foot size. Do not trim your apples, but let them head low and bush out. This assists the wind break in giving them greater protection. We find the varieties here listed to be the most satisfactory. Prices of all apple and crab apple trees for 3 to 5 ft. trees, 40c each; \$4.00 per dozen.

YELLOW TRANSPARENT. August. This is of Russian origin and one of the earliest of apples. The tree is very hardy and a good annual bearer. The fruit is medium-sized, with smooth, white transparent skin which becomes pale yellow when fully ripe. The flesh is white, juicy and tender.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow, and handsomely striped with red, very tender and juicy.



DUCHESS



YOUNG APPLES AT OUR NURSERY

OKABENA. September. Very hardy, productive and remarkably free from blight. The fruit is medium sized, slightly flattened, and highly colored. As an eating apple it cannot be surpassed.

WEALTHY. October to January. This variety is beyond doubt the most popular sort throughout the North west. A hardy, upright grower, and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid; white tinged with red. A fine eating apple and one that keeps well in storage.

HIBERNAL. October to December. The hardest type of the Russian family. A spreading grower, and an early, regular bearer. The fruit is large, and yellow in color, with dull, bronze-red on the sunny side. Excellent for cooking and the best for drying purposes, but tart for eating until ripe.

PATTEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-round varieties for the North west; a good eating and cooking apple.

Crab Apples

Whitney Crab. August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider.

Hyslop Crab. September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties.

Prices for Apples and Crabs:
3-5 feet, each 40c; per doz. \$4.00.

We have some extra fine specimen trees of the Hyslop from 7 to 9 ft. high, averaging 2 to 3 inches in diameter at the base. These are stocky, well formed, open-headed trees; bearing fruit the second year after setting out. Will give great satisfaction. Each \$1.50.

Apple Grafts. If you doubt that we raise our own fruit trees, try some of our standard 9 inch grafts, same as we make for our own plantings. No less than 50 of any kind sold, and ALL orders for these must be in by April 1st. Grafts should be planted immediately upon their arrival.

Prices postpaid: 50, \$1.85; 100, \$2.75.



DE SOTO PLUM

flesh juicy and sweet. Any of the above plums,

PLUMS—American Varieties

When on their own roots or worked on native roots, as all of ours are, they are perfectly hardy and thrive vigorously anywhere in the Northwest. Will invariably produce fruit the second or third season after setting out and are subject to a very few diseases. With a little care and attention great results are obtained.

SURPRISE. A seedling of Minnesota origin (by Mart. Penning) and one of the best of the native type of plums. Tree is upright in growth, fruit very large, with medium thick, tender, bright red skin and pale yellow flesh. The quality is unsurpassable, resembling that of a peach.

DE SOTO. The most popular of all American plums and a marked success in the Northwest. The tree is very hardy and productive, inclined to overbear. The fruit is of medium size, fine quality and flavor, and bright red with firm, yellow flesh.

Prices, above two kinds: Each, 45c; dozen, \$4.25.
NATIVE WILD PLUM. Fruit medium red with blue bloom; Extra large. Nursery grown trees. Each, 25c; dozen \$2.50.

PLUMS—Hansen's Hybrids

These varieties were originated and introduced by Prof. N. E. Hansen of the South Dakota Experimental Station. By cross-fertilizing our native wild plum, the Sand or Rocky Mountain cherry, and the large Japanese plums and apricots, and planting seedlings of these crosses, he has obtained trees that are fairly hardy, are early bearers, and very prolific of fruit, noted for its fine quality and great size.

WANETA. One of the latest of Prof. Hansen's hybrids, being a cross of the Terry and Japanese apple plum. It bears the largest fruit of any of the hybrids, one specimen plum being two inches in diameter. The fruit is red, thin-skinned, and has a sweet and delicious flavor.

CHERESOTA. This variety, like the San Soto, is a cross between the native Sand cherry and the De Soto plum. The fruit is longish, medium-sized, with a minute bristle at the apex which it inherits from the Sand cherry. It is a glossy black when ripe, and thin skinned with a yellowish green flesh of pleasant flavor. This is a late blossoming variety, and is seldom caught by frosts in the spring, producing large crops every season. This is the kind coming closest to a real big cherry.



WHITNEY

PLUMS—Hansen's Hybrids—Continued

SANSOTA. Also a cross between the native Sandcherry and De Soto plum. The fruit is round, glossy black when ripe, with yellowish-green flesh. Like the Cheresoto, it is a late bloomer and consequently seldom caught by frost; thereby producing a full crop each season.

Prices: Hansen's hybrids: 4 to 5 ft., each 50c; dozen, \$5.00.

CHERRIES

Compass Cherry. This is a cross between the Sand Cherry and the Miner Plum and is undoubtedly the best cross yet obtained. It is absolutely hardy and our stock is made "iron-clad" by grafting on hardy, native wild plum roots. Our trees can be grown anywhere in the Northwest without protection. The tree is very productive, with a tendency to overbear, and will produce good quantities of fruit at the age of two years. The fruit is medium sized and of bright red color. If you wish to insure a good yield annually of fair quality fruit, this is the tree to plant. 4 to 5 ft. each, 50c; dozen, \$5.00.



COMPASS CHERRY

CHOKE CHERRY. We have given up the domestic sweet and sour cherries as they have been winter killed for the last few seasons, and we do not wish to recommend any variety, that will not give satisfaction. We list this year only the native wild cherries, being natives of this state and absolutely hardy. The small fruits make most excellent preserves. 4 to 5 ft., each, 25c; dozen, \$1.75.

SAND of ROCKY MT. DWARF CHERRY. This is the variety which has been used for crossing purposes to develop the Hansen hybrids. It is a very hardy, native variety of great yielding qualities. Each, 25c; dozen, \$2.50.

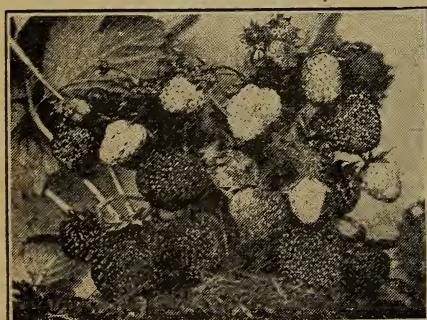
SMALL FRUITS

SEE OUR WAR GARDEN NURSERY COLLECTION ON BACK COVER.

By planting a dozen or two Raspberry bushes, a few Currants and Gooseberries, 50 or 100 Strawberries (especially the Everbearing kind) and perhaps a few Blackberries; you can easily keep the family table supplied with delicious fruits during the best part of the summer months, after a year or two.

STRAWBERRIES

PROGRESSIVE (Everbearing). A cross of the Senator Dunlap on the Pan Am. This variety is very hardy and productive, and holds first place among the fall sorts. They are not yet ready to recommend it as a big paying market proposition, but we do feel that everyone should plant a bed of Everbearing strawberries with the June bearers as the advantages of strawberries throughout the summer and late fall are not to be denied. Planted in the spring they will give a good yield the same year and produce delicious fruit from July to November. Per dozen, 50c; 100, \$2.50, postpaid. By express, dozen, \$40c; 100, \$2.25.



PROGRESSIVE STRAWBERRIES

We grow Everbearing plants in pots. These can be set out without the slightest set-back and give highest satisfaction, bearing fruit all summer and fall, the same season as planted. These can be sent out about April 15 to May 1, and are taken from pots for shipment. By express, \$1.00 per dozen.

SEN. DUNLAP (Perfect-flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning. It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest; it yields a good crop in spite of drought and neglect. 25 plants, 50c, postpaid. By express, 25, 40c; 50, 65c; 100, \$1.25; 1,000, \$8.00.

Raspberries

PEERLESS CLIMBING—INTRODUCING A VALUABLE NOVELTY

This raspberry was originated by Mr. John Millet of Bismarck, and in his trials has given marvelous results. The canes will attain a height of eight to twelve feet if tied to a trellis or pole and berries are produced along the whole length of the plant. The fruit is large, of very good quality, and profusely borne. So far the Peerless has shown unusual hardiness, although we are not yet prepared to say whether it is as hardy as the Sunbeam. Unusually valuable where space is crowded as it may be trained up and will produce a great quantity of fruit on a small area. Price, per dozen, \$1.50; by mail, \$1.70; per 100, \$8.00.

Sunbeam. (Red) This is the hardiest of all the red Raspberries and the only red variety we have as yet found that will winter in North Dakota without protection of any kind. It stood 47 degrees below zero in our Nursery one winter, and seven feet of water stood on the patch for several days, last season, but the Sunbeams leaved out and bore both last and this summer. The St. Regis killed back to the roots under the same conditions and we have ceased propagating the latter variety because of its poor showing. The Sunbeam is very productive and has distinct, heavy foliage. The fruit is of medium size, bright red color, and of excellent quality. The bearing season is very long and our experience with this variety is that it bears well into the fall the first season planted. We cannot recommend this variety too highly. Postpaid, dozen 60c; by express, dozen 40c; 50, \$1.60; 100, \$3.00.

Cuthbert (Red). An old standard variety, but still regarded as the best of the late sorts. Winter covering is required in this latitude. The berries are large, firm, and ship well; and in flavor are sweet, rich and delicious. Postpaid, dozen, 45c; by express, dozen, 30c; 100, \$1.50.



SUNBEAM RASPBERRIES



HOUGHTON GOOSEBERRY

Blackberries

Eldorado. The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen together well. They are sweet and delicious and keep well after picking. Dozen 60c. postpaid. By express, doz. 40c.; 50, \$1.60; 100, \$3.00.

Gooseberries

Houghton. An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Dozen, \$1.50. By mail, \$1.75.

I sincerely thank you for the stamps you sent in part payment of the plants. I fully realize the fault was of the postal service and did not expect you to stand any of the expense.

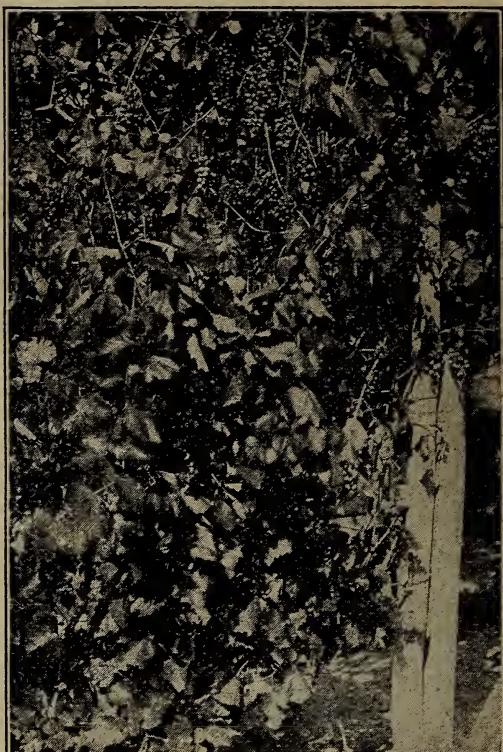
MRS. F. B. ALEXANDER, Brayton, S. D.

Currants

Perfection. Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant, it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. Strong two year plants, each, 40c. postpaid. By express, each, 25c; dozen, \$1.50.

CHERRY Currant. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. By express, dozen, \$1.00.

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. By express, dozen, \$1.00.



BETA GRAPE AT BISMARCK

Grapes

BETA. The hardiest of all grapes and the most prolific. The berries are blue-black, medium-sized and of peculiar aromatic flavor. The fruit matures about August 25th. This is the most desirable grape for arbors and is largely used for decorative purposes. Two-year plants by express, each, 35c; dozen, \$3.00. Postpaid, each, 45c.

SUELTER. One of the extra hardy grapes produced in Minnesota. Similar to Beta but larger. Both this and the Beta require winter covering. Each, 25c; dozen, \$2.75. Postpaid, each, 40c.

NATIVE WILD. Our native wild grape is very serviceable for arbors and trellis work. Its sour fruit is improved by a good frost and makes most excellent jelly. Fine one-year plants, each 10c; dozen, 75c. Postpaid, dozen, \$1.00.

RHUBARB or PIE PLANT

Planting our 2 and 3-year-old roots saves you from 1 1-2 to 2 years over seed. Our variety produces extra large stalks which for canning and cooking are unsurpassed. Postpaid, dozen, \$1.50. By express, dozen, \$1.00.

ASPARAGUS. Extra strong 2-year roots. See Page 4.

HORSERADISH

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. Postpaid, dozen, 35c. By express, dozen, 25c.

COMMON. The old-fashioned sort. Postpaid, dozen, 30c. By express, dozen, 20c.



NATIVE WILD GRAPE ON ARBOR

Evergreen Trees

Evergreen trees will bring a new beauty and charm to your home. There is unquestionably no better way of beautifying your place than surrounding it with beautiful Evergreens. As an ornamental tree, Evergreens are unsurpassed. No other trees remain green through summer and winter; none are more beautiful. But while their value in this respect is great, Evergreens are most useful in other ways. They protect houses, stock and crops from wind, sun and snow. They conserve the soil's natural moisture. They form a substantial shelter and nesting place for the birds that rid your acres of worms and destructive insects. They are a source of salable

timber for fence posts and other uses. Plant some Evergreens around your garden and just see how much difference there is in the temperature and moisture. You will find that you can grow flowers, fruits and vegetables that you never could before.



BLACK HILLS SPRUCE

There is no tree quite so well beloved by all of us as the Evergreen, nor is there any which has caused as many disappointments in not growing. Ordinarily the evergreens are hard to start, and most of them are not at all hardy. For the cold Northwest we have finally decided on a very short list of Evergreens, but a list of only those sorts which are absolutely, iron-clad in hardiness and which are not very difficult to transplant. By planting only the sorts which we list you will be practically certain to get good results.

EVERGREENS BY MAIL

In the past we have offered many varieties of evergreens by mail. This year we offer but one variety of seedlings. This is the Black Hills Spruce, the hardiest evergreen and the one that we feel will give the highest degree of satisfaction to our customers. It is the very best tree for prairie planting and makes a windbreak far superior to one of deciduous trees. We have priced these trees as low as we possibly can and under no circumstances will we break packages. Complete planting instructions and cultural directions are furnished with each order. Package of 100, 4 to 8-inch Black Hills Spruce, \$2.25, postpaid. By express, 100, \$2.00.

EVERGREENS BY EXPRESS

All our Evergreens are at least twice transplanted, taken up with balls of earth and wrapped with burlap, excepting American Larch.

Black Hills Spruce (Picea canadensis). This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills ever since glacial days and there is nothing in the way of blizzards, hot winds, droughts and the like that it has not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the hardiest. Our handsome specimen trees have been transplanted three times. 12 to 18 in., each, \$1.00; 18 to 24 in., each, \$2.00.

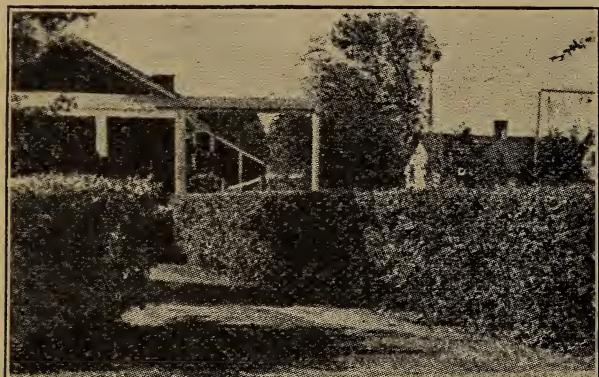
Extra Large Size Specimen Trees, 4 to 6 ft. These are taken up at the Nursery early in spring, set in big baskets and allowed to start before sending out. PLANT BASKET AND ALL. Each, \$5.00.

Ponderosa or Bull Pine. (Pinus ponderosa) The hardiest of all Pines, making a tall, well-shaped tree. The foliage is a dark, glossy green. 12 to 18 in., each, \$1.00.

Kosters grafted Blue Spruce (P. p. kosteriana) An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 18 to 24 in., each, \$3.00.

American Larch or Tamarack (Larix decidua). A hardy, deciduous conifer, of rapid growth, with fine needle-like leaves. A valuable timber tree and fine for mixed plantations. 2 to 3 feet, each, 40c; dozen, \$4.00.

Hardy Hedges



RUSSIAN OLIVE HEDGE

SIBERIAN PEA TREE. (*Caragana arborescens*). One of the hardiest of the shrubs introduced from Northern Russia; its foliage resembling the locust. The bark is a bright green, rendering the tree very attractive even after the leaves have fallen. The bright yellow flowers are borne in May and June, and in dainty shape closely resemble pea blossoms. It can be grown as a shrub, trimmed to a tree and planted in hedge rows; gives quick and pleasing results. It is absolutely hardy under the severest conditions. 12 to 18 in., dozen, 75c; 100, \$6.00; 18 to 24 in., dozen, \$1.25; 100, \$8.00.

Large specimen trees for ornamental plantings, 10 ft., each, 75c.

BULL BERRY or BUFFALO BERRY (*Shepherdia argentea*). A native shrub, hardy in all parts of the state, adapted to dry soils. It has narrow silvery leaves and in the fall produces a crop of red berries, a little larger than currants. These are used for making a very superior jelly and catsup. It is a very ornamental bush and a valuable hedge plant, having long, sharp thorns. Each, 25c; dozen, \$1.50; 100, \$10.00.

HONEYSUCKLES. (*Lonicera*). Tartarian or upright. This variety is noted for the profusion and fragrance of its flowers. The tall growing shrubs are suited for planting in shrubbery clusters and unsurpassed for ornamental hedges.

RED. (*L. tart. rubra*). In spring its dark pink flowers contrast beautifully with its green foliage, but its chief charm is its red berries which cover the plant in summer and autumn. Each, 3 to 4 ft., 25c; dozen, \$2.50; large clumps, \$1.00 each

WHITE. (*L. tart. alba*). Its creamy-white flowers are borne in May and June. In late summer it bears great ropes of brilliant red berries. Prices same as Red Honeysuckle.

CREEPERS AND VINES

VIRGINIA CREEPER. (*Ampelopsis quinquefolia*). Also called Woodbine, Five-leaved Ivy, etc. A native vine of rapid growth and large luxuriant foliage, which in autumn takes on the most gorgeous coloring. Each, 20c; dozen, \$1.00. Postpaid, each, 30c.

ENGLEMAN'S CREEPER. (*Amp. Engelmanni*). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 25c; dozen, \$2.00. Postpaid, each, 35c.

BITTERSWEET. (*Celastrus scandens*). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. Each, 25c; dozen, \$2.00.

RUSSIAN OLIVE. (*Eleagnus angustifolia*). This is the hardiest of the Russian importations. It will thrive on the poorest soils, and withstands drought, heat and cold absolutely. The newer wood has a peculiar silver-gray color, which is also true of the small and narrow leaves. These retain their freshness even after severe frost and remain on until well into the winter. The small yellow flower is produced abundantly and later replaced by small, silvery-white, olive-shaped fruits. Trained to a tree it is most beautifully ornamental. By cutting back, it forms a dense and compact hedge, attractive and effective. For hedge use the plants should be set a foot apart. 18 to 24 inches, dozen, \$2.00; 100, \$10.00. Splendidly shaped and well headed trees, 4 to 5 ft., each, 25c; dozen, \$2.50; 5 to 6 ft., each, 35c; dozen, \$3.00.



BUFFALO BERRY

CREEPERS AND VINES—Continued

NATIVE HOP VINE. This is a hardy, native vine which produces greenish flowers. It readily attains a height of 15 feet. Each, 30c; dozen, \$2.75. Postpaid, each 40c.

WILD GRAPE. (*Vitis*). See under grapes.

CHINESE MATRIMONY VINE. (*Lyctium chinensis*). Well known, hardy, fast growing vine; handsome when covered with scarlet fruit in autumn. Commonly used as a trailer, and for ground cover under trees and on terraces, or any kind of steep slopes to hold the soil in place. Each, 35c; dozen, \$3.25. Postpaid, each, 45c.

BETA GRAPE. See under grapes.

Roses

All Roses except the Rugosa and Persian Yellow must have Winter protection.

ROSA RUGOSA. An upright shrub attaining a height of 2 to 4 feet, absolutely hardy in this section of the country and not attacked by insects. Its stout thorns make this a beautiful and effective hedge plant. It blooms throughout the summer, and is one of the few roses that do not require protection and covering for winter in our climate. Following are the best 3 named varieties.

HANSA (Double Red). The flower is a large beautiful crimson, double and very fragrant.

C. F. MEYER (Pink). The flower is a clear, silvery rose, large and double.

BLANC de COUBERT (White). The flowers are pure white, semi-double, and very fragrant.

Prices, above each, 50c; dozen, \$5.00. Postpaid, each, 60c.

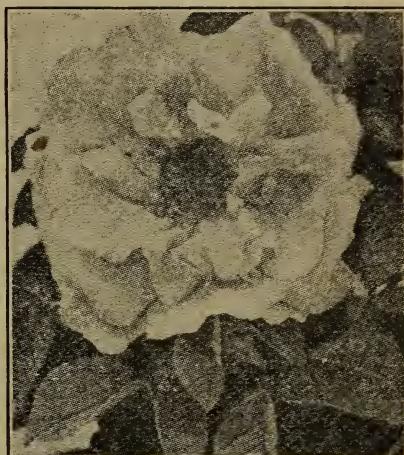
CLIMBING ROSES

CRIMSON RAMBLER. A wonderful Japanese rose, the most important and valuable acquisition of recent years. A rapid growing climber producing an abundance of semi-double, bright crimson flowers.

WHITE RAMBLER. Having the same climbing habit as the Crimson Rambler, but bears pure, pearly-white flowers.

YELLOW RAMBLER. Another climber of merit. Its blossoms are a bright canary yellow.

Price for any of the 3 above named kinds, each 30c, dozen, \$3.00; Postpaid, 40c each.



CLIMBING ROSE

BUSH ROSES

GEN. JACQUEMINOT (Hybrid Perpetual or Bush Rose). One of the best and most popular of the red H. P. Roses grown. It is bushy in habit and quite hardy. The large and fragrant are a rich crimson. Should have some winter protection. Each 30c; dozen, \$3.00; Postpaid 40c each.

PERSIAN YELLOW (Hardy Yellow Bush Rose). An old favorite and still one of the very best roses for the yard. Flowers are bright yellow and double. Each 40c; dozen, \$4.00; postpaid, each 50c.

BABY RAMBLERS

BABY RAMBLERS or DWARF POLYANTHUS ROSES. These are invaluable in bedding work, and if cut back in the fall and potted will bloom throughout the winter indoors. These must also have protection if left outside over winter.

CRIMSON BABY. The original dwarf form. The wonderful persistency of its crimson bloom makes it deservedly popular. It makes a very beautiful house plant. Each, 50c; dozen, \$5.00. Postpaid, each, 60c.

WHITE BABY. Daintily modeled and full of perfectly double, pure white flowers. Each, 50c; dozen, \$5.00. Postpaid, each 60c.



BABY RAMBLER

I beg to acknowledge receipt of your check for \$12.00 in payment of claim for lost potatoes and thank you for your trouble in getting the money collected. John Anderson, Pocatello, Idaho.

Index

Achillea, 68
 Alfalfa, 58, 59
 Alphano Inoculant, 60
 Alternanthera, 64
 Alyssum, 36
 Ampelopsis, 78
 Anemone, 68
 Anise, 32
 Antirrhinum, 36, 64
 Apples, 72, 73
 Ash, 69
 Asparagus, 4
 Asparagus Ferns, 63
 Asters, 35, 64
 Baby's Breath, 68
 Bachelor's Button, 36
 Balloon Vine, 36
 Balm, 32
 Balm of Gilead, 70
 Balsam, 36
 Barley, 53
 Basil, 32
 Beans, 4, 5, 6
 Beets, 7, 8
 Begonia, 63
 Birch, 69
 Bittersweet, 78
 Blackberries, 75
 Blatchford Preparation, 45
 Bleeding Heart, 68
 Blue Grass, 58
 Borecole, 8
 Box Elder, 69
 Brocoli, 8
 Brome Grass, 57
 Brussels Sprouts, 8
 Bug Death, 44
 Buffaloberry, 78
 Butterfly Bush, 72
 Cabbage, 9, 10, 66
 Calf Meal, 45
 Calendula, 36
 California Poppy, 38
 Calla Lily, 63
 Calliopsis, 36
 Canary Bird Flower, 36
 Candytuft, 36
 Cane, 62
 Canna, 36, 65
 Canterbury Bells, 36
 Caraway, 32
 Carnations, 36, 66
 Carrots, 11, 12
 Catchfly, 36
 Catnip, 32
 Cauliflower, 12, 66
 Celery, 13
 Cherry, 69, 74
 Chervil, 8
 Chicory, 8
 Chinese Pink, 37
 Chinese Matrimony Vine, 79
 Chrysanthemum, 37, 63
 Clover, 60
 Cobaea Scandens, 37

Columbine, 68
 Coleus, 64
 Collections, 2, 3
 Convolvulus, 37
 Coriander, 32
 Corn, Field, 47-52
 Corn Planter, 45
 Corn, Pop, 15
 Corn Salad, 8
 Corn, Sweet, 14, 15
 Cosmos, 37
 Cottonwood, 69
 Cow Peas, 62
 Cranberry, 71
 Cress, 8
 Cucumber, 16
 Cultivators, 46
 Currants, 76
 Cut Flowers, 66
 Cyclamen, 63
 Cypress Vine, 37

Dahlia, 37, 65
 Daisy, 37, 64, 68
 Dandelion, 32
 Delphinium, 68
 Dianthus, 37
 Digitalis, 37
 Dill, 32
 Drills, 46

Easter Lilies, 66
 Egg Plant, 15
 Elder, Golden, 71
 Elm, 70
 Emmer, 55
 Endive, 15
 Eschscholtzia, 38
 Evergreens, 77

Feed, 45
 Fennel, 32
 Ferns, 63
 Fertilizer, 44, 81
 Feterita, 62
 Feverfew, 64
 Flax, 54
 Floral Designs, 66
 Flower Pots, 66
 Flower Seeds, 35-43
 Flowering Currant, 71
 Forget-me-not, 38
 Foxglove, 37, 68

Geraniums, 38, 64
 Gladioli, 65
 Golden Glow, 68
 Gooseberries, 75
 Gourds, 15, 38
 Grapes, 76, 79
 Grasses, 57

Hard Weeder, 45
 Hanging Baskets, 64

Helianthus, 38
 Heliotrope, 38, 63
 Herbs, 32
 Hollyhock, 38, 68
 Honeysuckle, 71, 78
 Hop Vine, 78

Horehound, 32
 Horse Radish, 76
 Hose, 81
 Hyssop, 32

Ice Plant, 38
 Insecticides, 44
 Iris, 68
 Ivy, 64

Juneberry, 71
 Kohl Rabi, 15
 Larkspur, 38, 68
 Lavender, 32
 Lawn Grass, 81
 Lawn Supplies, 81
 Leek, 15
 Lettuce, 17
 Lilac, 71, 72
 Lily of the Valley, 68
 Linden, 70
 Lobelia, 64

Madeira Vine, 64
 Mangel Wurtzel, 7, 8
 Maple, 70
 Marguerite, 64
 Marigold, 38
 Meadow Fescue, 58
 Mignonette, 38
 Millet, 61
 Mint, 66
 Morning Glory, 37
 Moss Rose, 41
 Mountain Ash, 69
 Muskmelon, 18
 Mustard, 32

Nasturtiums, 39
 Oats, 54
 Okra, 22
 Onion, 20, 21
 Onion Sets, 22

Pansies, 39, 40, 64
 Parsley, 22
 Parsnip, 22
 Peanuts, 62
 Peas, 24, 25, 56
 Pea Tree, 78
 Pelargonium, 64
 Peonies, 68
 Pepper, 23, 66
 Perennials, 68
 Petunias, 40, 64
 Phlox, 41
 Pine, 77
 Planet Jrs., 46
 Plant Food, 44
 Plant Setter, 45
 Plant Sprinkler, 66
 Platycodon, 68
 Plums, 73, 74
 Pop Corn, 15
 Poppies, 41
 Portulaca, 41
 Potato Planter, 45

Potatoes, 33, 34
 Poultry Supplies, 45
 Premiums, 3
 Primrose, 41, 64
 Pumpkin, 23

Radish, 26, 27
 Rape, 61
 Raspberries, 75
 Red Top, 58
 Rhubarb, 28, 76
 Rosemary, 32
 Roses, 64, 66, 79
 Russian Olive, 78
 Rutabagas, 32
 Rye, 56
 Rye Grass, 57

Saffron, 32
 Sage, 32, 66
 Salsify, 28
 Salpighiosis, 41
 Salvia, 64
 Silver Poplar, 70
 Slug Shot, 44
 Snapdragon, 36, 64
 Snowball, 71
 Soy Beans, 62
 Speltz, 55
 Spinach, 28
 Spirea, 71
 Sprayers, 44
 Spruce, 77
 Squash, 28, 29
 Stock, 41
 Strawberries, 74, 75
 Sudan Grass, 62
 Sumac, 72
 Summer Cypress, 37
 Sunflower, 38, 62
 Sweet Clover, 60
 Sweet Corn, 14, 15
 Sweet Marjoram, 32
 Sweet Peas, 41, 42, 43
 Sweet Potato, 66
 Sweet William, 43, 68
 Swiss Chard, 7
 Syringa, 71

Tiger Lily, 68
 Timothy, 57
 Tobacco, 32
 Tomatoes, 30, 31, 66
 Turnips, 31

Vegetable Plants, 66
 Verbena, 43, 64
 Vinca Vine, 64
 Violets, 68
 Virginia Creeper, 78

Wandering Jew, 64
 Watermelon, 19
 Wheat, 55
 Wild Cucumber, 43
 Wild Grape, 76, 79
 Willow, 70,
 Wormwood, 32

Zinnia, 43

For valuable pamphlets on gardening, canning and drying, and similar topics we recommend "War Vegetable Gardening and Home Storage of Vegetables" and "Home Canning and Drying," both issued by the National War Garden Commission, Washington, D. C. They may be obtained by writing direct to Washington, and we shall endeavor to keep a supply on hand here which we can furnish on request.

OSCAR H. WILL & CO.

BISMARCK, NO. DAK., U. S. A.

Gentlemen:

Enclosed find \$ _____ for which send
me the goods named in this order on terms
and conditions as stated in your latest catalog.

If married lady, sign husband's initials; if single, sign "Miss."

Number

Received

Put up by

Checked by

Shipped via

Leave this space blank

Name _____

Postoffice _____ R. F. D. No. _____

County _____ State _____

Shipping Point _____
(If different from P. O.)

On what Railroad is your Shipping Point? _____

State plainly at end of this line how to ship, Freight, Express or Mail?

Please do not Send Personal Check if Possible to Remit in Any Other Way.

Date

191

Write any remarks about your order in this space. You will also oblige us by giving the names and addresses of some of your neighbors who do not receive our catalog.



Lawn at High School, Bismarck, N. D.

Necessities for the Lawn

Will's Emerald Mixture

This lawn grass mixture has been planted in the Northwest for thirty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

The mixture is composed of only the highest grade seeds of the several varieties of grass of which it is made up. No Clover is contained in the formula, but we are glad to supply White Dutch Clover at 60c per pound and add it to the mixture without charge for mixing.

Do not take any "Emerald" substitutes put up by other houses, but get the genuine "Will's Emerald Mixture."

Directions for Sowing a Lawn—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet. Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

Price, 45c per lb., postpaid. By express or freight, 5 lbs., \$1.50; 10 lbs., \$2.75; 20 lbs., \$5.00.

Do not plant Emerald Mixture if you do not have a plentiful water supply available. Under drier conditions Meadow Fescue makes the handsomest lawn. If very dry plant Austrian Brome Grass. Sow these at the same rate, one pound to 300 square feet.

BROME GRASS—25c per lb., by express; 30c per lb., postpaid.

MEADOW FESCUE—20c per lb., by express; 25c per lb., postpaid.

LAWN ROLLER—We can furnish two sizes both of which are weighted by filling with water.

No. 3, \$13.00; No. 1, \$17.00.

HOSE—Imperial—Black, Non-Kinkable, First Quality. Cut any length. Price, 18c per foot.

Couplings, 15c extra.

Sampson Red. A high grade red rubber hose, 50 foot lengths, with couplings. \$8.50.

Minnesota—Black, cheaper quality, but a good durable hose, 50 foot lengths, with couplings. \$7.50.

FOUNTAIN SPRINKLERS—The very best type for lawns. Each, \$1.00.

HOSE NOZZLES—Each, 75c.

HOSE REELS—Make hose last longer. Each, \$2.25.

BRASS COUPLINGS— $\frac{3}{4}$ inch, 10c; \$1.00 per dozen.

HOSE CLAMPS—Double, $\frac{3}{4}$ inch, 15c each; dozen, \$1.50.

HOSE WASHERS—15c per dozen.

FERTILIZERS—Pulverized Sheep Manure—10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$2.75.

LAWN RENEWER—A strong, prepared fertilizer for run-down lawns. One pound equals 20 lbs. stable manure. Sow broadcast, 25 lbs. per 1,000 square feet. 10 lbs., 75c; 50 lbs., \$2.00; 100 lbs., \$3.50.

WILL'S ASSORTED
CURRANT COLLECTION,
HARDY AND PROLIFIC

SUNBEAM RASPBERRY
THE ONLY SORT REQUI-
RING NO WINTER COVER-
ING IN NORTH DAKOTA

HELP FEED
THE WORLD
BY GROWING
THESE COMMON
SMALL FRUITS
AND PLANTS
IN YOUR
OWN GARDEN.
PLANT ONCE
AND ENJOY
THEM EVERY
YEAR AFTER-
WARD

WILL'S

**NURSERY COLLECTION
FOR THE HOME GARDEN**
PIONEER VARIETIES OF TESTED HARDINESS

25	ASPARAGUS	\$.40
12	RHUBARB	1.00
24	SUNBEAM RASPBERRIES	.80
12	ASSORTED CURRANTS	.75
12	GOOSEBERRIES	1.50
	TOTAL	\$ 4.45
	ALL FOR	\$ 3.50

OSCAR H. WILL & CO.
BISMARCK, N. D. U. S. A.